

10534427b.trn

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	6	JUL 16	CAPplus enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPplus patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	12	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	13	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	15	AUG 27	USPATOLD now available on STN
NEWS	16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	18	SEP 13	FORIS renamed to SOFIS
NEWS	19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	20	SEP 17	CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS	21	SEP 17	CAPplus coverage extended to include traditional medicine patents
NEWS	22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	23	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	24	OCT 19	BEILSTEIN updated with new compounds
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

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=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 22:56:15 ON 07 NOV 2007

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STRUCTURE FILE UPDATES: 6 NOV 2007 HIGHEST RN 952567-23-6

DICTIONARY FILE UPDATES: 6 NOV 2007 HIGHEST RN 952567-23-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

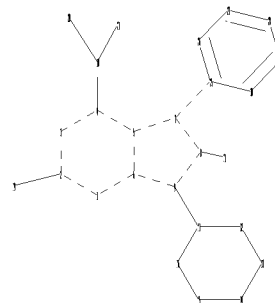
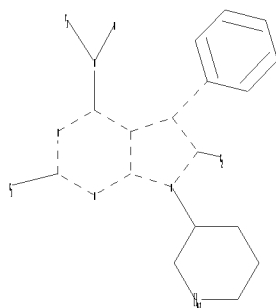
Please note that search-term pricing does apply when conducting SmartSELECT searches.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10534427b.str



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10 19 20 21 31
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 25 26 27 28 29 30
chain bonds :
2-19 4-10 7-25 8-31 9-11 10-20 10-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 11-12 11-16 12-13 13-14 14-15
15-16 25-26 25-30 26-27 27-28 28-29 29-30
exact/norm bonds :
1-2 1-6 2-3 2-19 3-4 4-5 4-10 5-6 5-7 6-9 7-8 7-25 8-9 8-31 9-11
10-20
exact bonds :
10-21 11-12 11-16 12-13 13-14 14-15 15-16
normalized bonds :
25-26 25-30 26-27 27-28 28-29 29-30
isolated ring systems :
containing 1 : 11 :

```

G1:H,CH3

G2:H,X,Ak

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:CLASS 20:CLASS 21:CLASS
25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS

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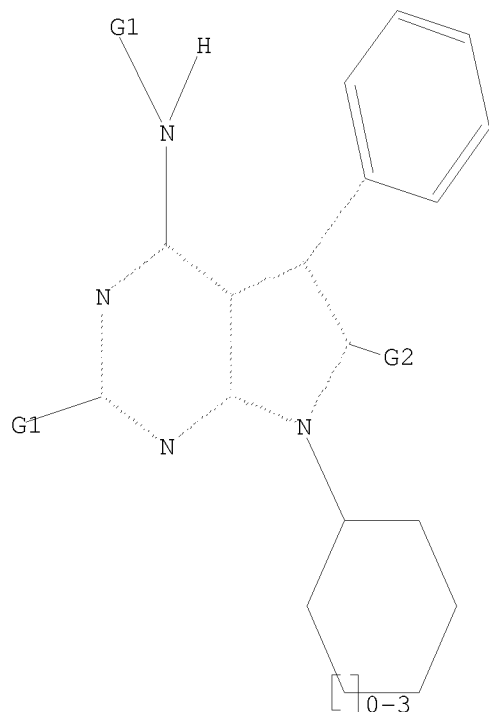
10534427b.trn

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Me

G2 H, X, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 22:56:39 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 139 TO ITERATE

100.0% PROCESSED 139 ITERATIONS

44 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 2073 TO 3487

PROJECTED ANSWERS: 483 TO 1277

L2 44 SEA SSS SAM L1

=> s l1 ful

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10534427b.trn

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100.0% PROCESSED 2773 ITERATIONS 899 ANSWERS  
SEARCH TIME: 00.00.01

L3 899 SEA SSS FUL L1

=> fil capl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.55

172.76

FILE 'CAPLUS' ENTERED AT 22:57:33 ON 07 NOV 2007

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FILE COVERS 1907 - 7 Nov 2007 VOL 147 ISS 20

FILE LAST UPDATED: 6 Nov 2007 (20071106/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s 13

L4 25 L3

=> s 14 not (2007/so or 2006/so or 2005/so or 2004/so or 2003/so)

685299 2007/SO

901244 2006/SO

879363 2005/SO

848084 2004/SO

781411 2003/SO

L5 25 L4 NOT (2007/SO OR 2006/SO OR 2005/SO OR 2004/SO OR 2003/SO)

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L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 ACCESSION NUMBER: 2007:763453 CAPLUS  
 DOCUMENT NUMBER: 147:166335  
 TITLE: Preparation of pyrazolo[3,4-d]pyrimidine derivatives as protein kinase inhibitors  
 INVENTOR(S): Sheppard, George; Wang, Gary; Palazzo, Fabio; Bell, Randy; Mantei, Robert; Wang, Jieyi; Hubbard, Robert; Kawai, Megumi; Erickson, Scott; Bamaung, Nwe;  
 Fidanze, Steve  
 PATENT ASSIGNEE(S): Abbott Laboratories, USA  
 SOURCE: PCT Int. Appl., 209pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
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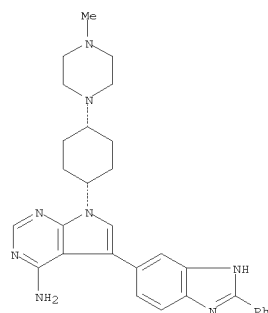
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007079164	A2	20070712	WO 2006-US49461	20061228
WO 2007079164	A3	20070927		
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OTHER SOURCE(S): MARPAT 147:166335  
 IT 943970-59-0P, cis-7-[4-(4-Methylpiperazin-1-yl)cyclohexyl]-5-(2-phenyl-1H-benzimidazol-5-yl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine  
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L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
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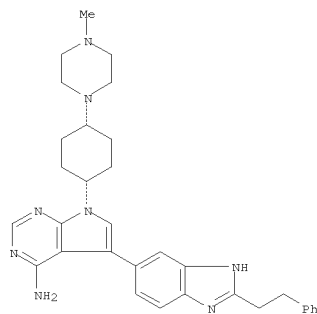
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 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of pyrazolo[3,4-d]pyrimidin-4-amines as protein kinase inhibitors for treatment of cancers)  
 RN 943970-59-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-5-(2-phenyl-1H-benzimidazol-6-yl)- (CA INDEX NAME)

Relative stereochemistry.



RN 943970-60-3 CAPLUS  
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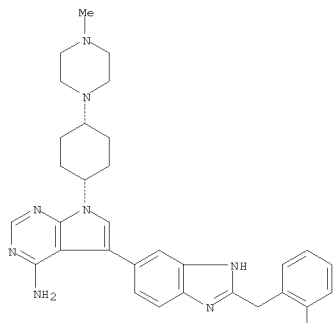
L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 Relative stereochemistry.



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Relative stereochemistry.

PAGE 1-A

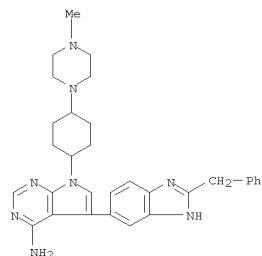


L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

Cl

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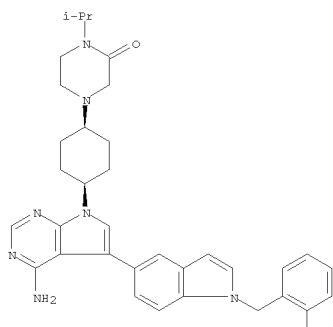
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Relative stereochemistry.

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L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A



PAGE 2-A

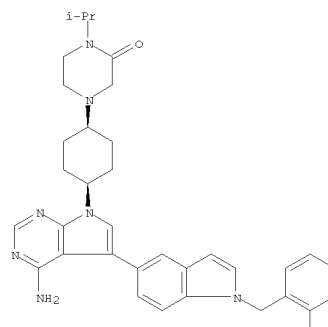
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Relative stereochemistry.

L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A



PAGE 2-A

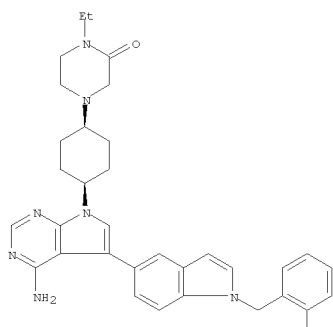
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Relative stereochemistry.

L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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PAGE 2-A

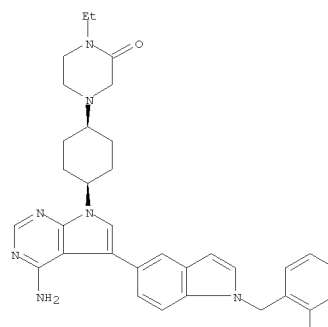
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Relative stereochemistry.

L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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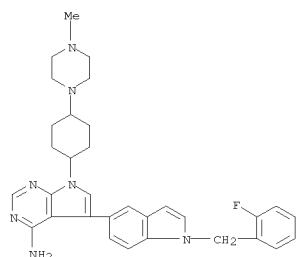
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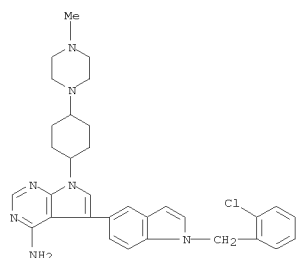
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L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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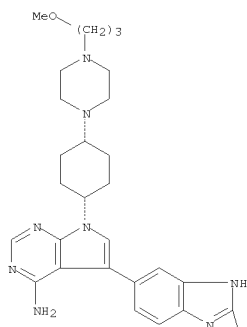


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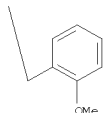
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L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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PAGE 2-A

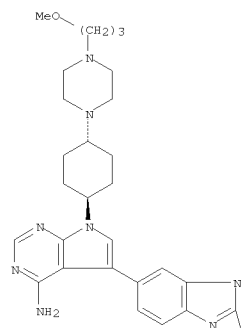


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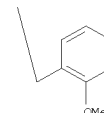
Relative stereochemistry.

L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A



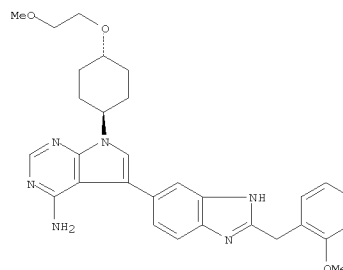
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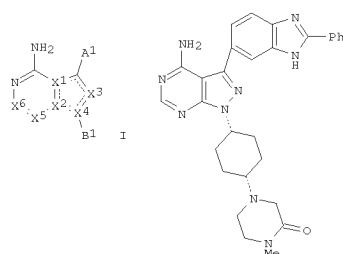
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Relative stereochemistry.

L5 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



GI



II

AB Title comps. represented by the formula I [wherein one of X1 or X2 is C and the other is C or N; X3 = C(H), C(alkyl) or N; X4 = N or C; X5 = C(H) or N; X6 = C(H) or N; A1 = (un)fused Ph or heteroaryl; B1 = (un)fused Ph, heteroaryl, cycloalkyl, etc.; and their salts thereof] were prepared as protein kinase inhibitors. For example, II was provided in a multi-step synthesis starting from condensation of 4-bromobenzene-1,2-diamine with benzaldehyde. I were tested for KDR inhibition by using SF-9 cells. Thus, I and their pharmaceutical comps. are useful as protein kinase inhibitors for the treatment of cancers.



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L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2007:729053 CAPLUS  
 DOCUMENT NUMBER: 147:134402  
 TITLE: Combined treatment with and composition of  
 6,6-bicyclic ring substituted heterobicyclic protein  
 kinase inhibitor and anti-cancer agents  
 INVENTOR(S): Ji, Qun-Sheng; Arnold, Lee D.; Mulvihill, Mark Joseph  
 PATENT ASSIGNEE(S): Osi Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 293pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007075554	A2	20070705	WO 2006-US48222	20061218
WO 2007075554	A3	20070920		

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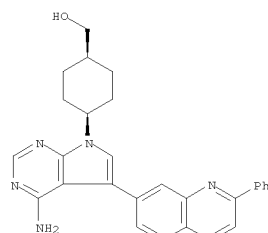
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2005-752243P P 20051219

OTHER SOURCE(S): MARPAT 147:134402  
 IT 867161-44-2 867161-45-3 867168-49-8  
 867168-50-1 867168-51-2 867168-52-3  
 867168-53-4 867168-55-6 867168-57-8  
 867168-59-0 867168-61-4 867168-63-6  
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 867168-91-0 867168-93-2  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (combined treatment with bicyclic ring substituted heterobicyclic  
 IGF1R kinase inhibitors and EGFR kinase inhibitors and anti-cancer agents)  
 RN 867161-44-2 CAPLUS  
 CN Cyclohexanemethanol, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

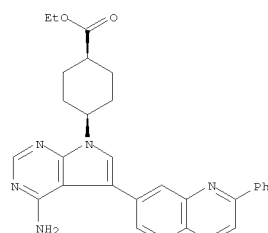
Relative stereochemistry.

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



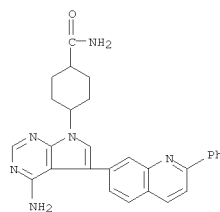
RN 867161-45-3 CAPLUS  
 CN Cyclohexanecarboxylic acid, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, ethyl ester, cis- (CA INDEX NAME)

Relative stereochemistry.

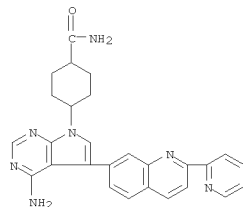


RN 867168-49-8 CAPLUS  
 CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

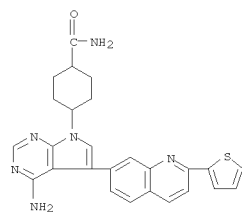


RN 867168-50-1 CAPLUS  
 CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-(2-pyridinyl)-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

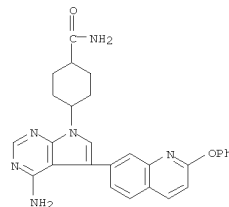


RN 867168-51-2 CAPLUS  
 CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-(2-thienyl)-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



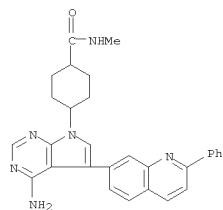
RN 867168-52-3 CAPLUS  
 CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenoxy-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



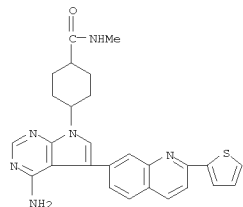
RN 867168-53-4 CAPLUS  
 CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

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L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

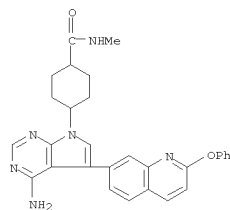


RN 867168-55-6 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[2-(2-thienyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

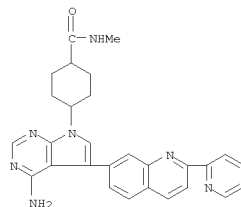


RN 867168-57-8 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenoxy-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

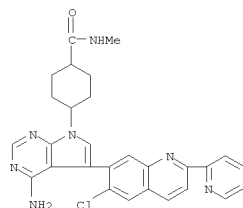


RN 867168-59-0 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[2-(2-pyridinyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

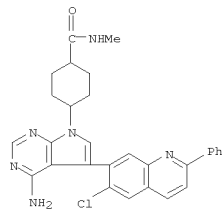


RN 867168-61-4 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[6-chloro-2-(2-pyridinyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

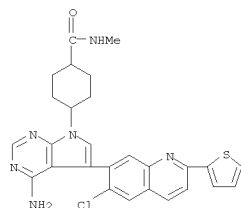


RN 867168-63-6 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(6-chloro-2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

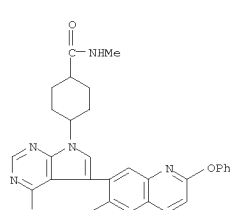


RN 867168-65-8 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[6-chloro-2-(2-thienyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



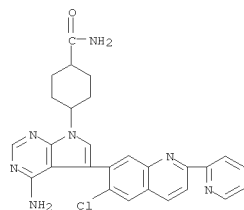
RN 867168-67-0 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(6-chloro-2-phenoxy-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)



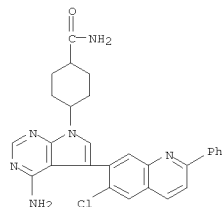
RN 867168-69-2 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[6-chloro-2-(2-pyridinyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

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L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

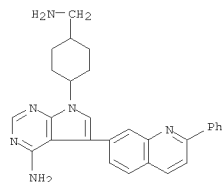


RN 867168-71-6 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(6-chloro-2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

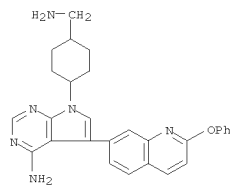


RN 867168-73-8 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[6-chloro-2-(2-thienyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

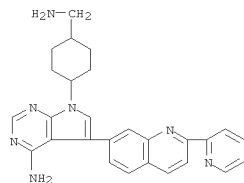
L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 867168-78-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(2-phenoxy-7-quinolinyl)- (CA INDEX NAME)

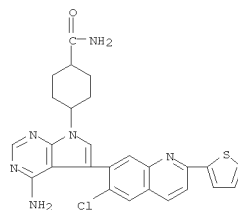


RN 867168-79-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[2-(2-pyridinyl)-7-quinolinyl]- (CA INDEX NAME)

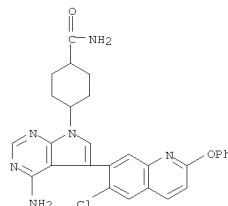


RN 867168-80-7 CAPLUS

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



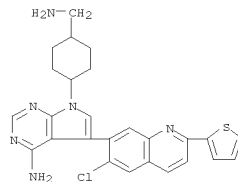
RN 867168-75-0 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(6-chloro-2-phenoxy-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



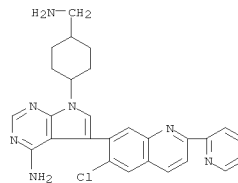
RN 867168-77-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(2-phenyl-7-quinolinyl)- (CA INDEX NAME)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

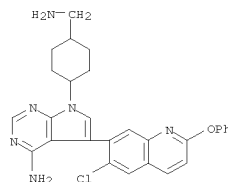
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[6-chloro-2-(2-thienyl)-7-quinolinyl]- (CA INDEX NAME)



RN 867168-82-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[6-chloro-2-(2-pyridinyl)-7-quinolinyl]- (CA INDEX NAME)



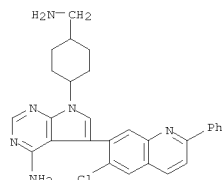
RN 867168-83-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(6-chloro-2-phenoxy-7-quinolinyl)- (CA INDEX NAME)



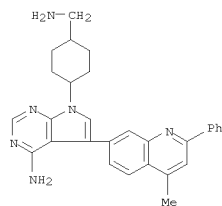
10534427b.trn

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 867168-85-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(6-chloro-2-phenyl-7-quinolinyl)- (CA INDEX NAME)

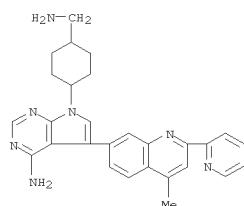


RN 867168-87-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(4-methyl-2-phenyl-7-quinolinyl)- (CA INDEX NAME)



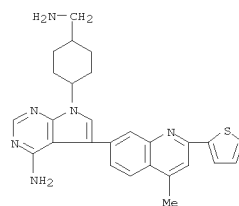
RN 867168-89-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[4-methyl-2-(2-thienyl)-7-quinolinyl]- (CA INDEX NAME)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

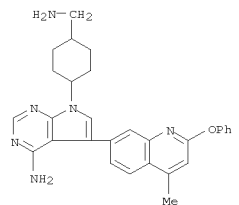


AB The present invention is directed to compns. and methods for treating cancer patients comprising administering to the patient simultaneously or sequentially a therapeutically effective amount of an epidermal growth factor receptor kinase (EGFR kinase) inhibitor and a novel 6,6-bicyclic ring substituted heterobicyclic insulin-like growth factor I receptor kinase (IGF1R kinase) inhibitor, with or without addnl. agents or treatments, such as other anticancer drugs or radiation therapy. The invention further encompasses a pharmaceutical composition that is comprised of an EGFR kinase inhibitor and IGF1R kinase inhibitor combination with a pharmaceutically acceptable carrier.

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 867168-91-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(4-methyl-2-phenoxy-7-quinolinyl)- (CA INDEX NAME)



RN 867168-93-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[4-methyl-2-(2-pyridinyl)-7-quinolinyl]- (CA INDEX NAME)

L5 ANSWER 3 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

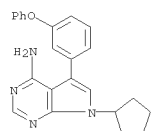
ACCESSION NUMBER: 2006:681435 CAPLUS  
DOCUMENT NUMBER: 145:137879  
TITLE: Pyrimidine derivative kinase modulators and therapeutic use  
INVENTOR(S): Chen, Jeff; Dalrymple, Lisa Esther; Epahteyn, Sergey; Forsyth, Timothy Patrick; Huynh, Tai Phat; Ibrahim, Mohamed Abdulkader; Leahy, James W.; Lewis, Gary Lee; Mann, Grace; Mann, Lary W.; Noguichi, Robin Tammie; Ridgway, Brian Hugh; Sangalang, Joan Cruz; Schnepf, Kevin Luke; Shi, Xian; Takeuchi, Craig Stacy; Williams, Matthew Alan; Nuss, John; Cheung, Atwood K.  
PATENT ASSIGNEE(S): Exelixis, Inc., USA  
SOURCE: PCT Int. Appl., 194 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006074057	A2	20060713	WO 2005-US47402	20051228
WO 2006074057	A3	20061026		
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005322855	A1	20060713	AU 2005-322855	20051228
CA 2590110	A1	20060713	CA 2005-2590110	20051228
EP 1841760	A2	20071010	EP 2005-855893	20051228
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRIORITY APPLN. INFO.:			US 2004-640439P	P 20041230
			US 2005-704863P	P 20050801
			WO 2005-US47402	W 20051228

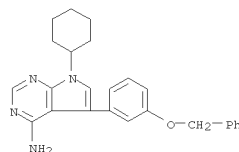
OTHER SOURCE(S): MARPAT 145:137879  
IT 213743-82-9 898279-72-6  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(pyrimidine derivative kinase modulators and therapeutic use)  
RN 213743-82-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(3-phenoxyphenyl)- (CA INDEX NAME)

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L5 ANSWER 3 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 898279-72-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclohexyl-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)



AB The invention provides pyrimidine derivs. and methods for inhibition of kinases, more specifically IGF1R kinases. The invention also provides compds. and methods for inhibition of wildtype Abl. The invention provides compds. for modulating protein kinase enzymic activity for modulating cellular activities such as proliferation, differentiation, programmed cell death, migration and chemoinvasion. Compds. of the invention inhibit, regulate and/or modulate kinase receptor signal transduction pathways related to the changes in cellular activities as mentioned above, and the invention includes compns. which contain these compds., and methods of using them to treat kinase-dependent diseases and conditions. Preparation of pyrimidine derivs. is included.

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2005:1130642 CAPLUS  
DOCUMENT NUMBER: 143:405928  
TITLE: Preparation of 6,6-bicyclic ring substituted heterobicyclic protein kinase inhibitors  
INVENTOR(S): Arnold, Lee D.; Cesario, Cara; Coate, Heather; Crew, Andrew Philip; Dong, Hanqing; Foreman, Kenneth; Honda, Ayako; Laufer, Radoslaw; Li, An-Hu; Mulvihill, Kristen; Michelle; Mulvihill, Mark Joseph; Nigro, Anthony; Panicker, Bijoy; Steinig, Arno G.; Sun, Yingchuan; Weng, Qinghua; Werner, Douglas S.; Wyle, Michael J.; Zhang, Tao  
PATENT ASSIGNEE(S): Osi Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 653 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	WO 2005097800	A1	20051020	WO 2005-US10606	20050331
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	AU 2005230818	A1	20051020	AU 2005-230818	20050331
	CA 2561950	A1	20051020	CA 2005-2561950	20050331
	US 2006235031	A1	20061019	US 2005-95162	20050331
	EP 1740591	A1	20070110	EP 2005-742128	20050331
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR,				
LV					
	CN 1960993	A	20070509	CN 2005-80017980	20050331
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	NO 2006004895	A	20061219	NO 2006-4895	20061026
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PRIORITY APPLN. INFO.:				US 2004-559250P	P 20040402
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OTHER SOURCE(S):	MARPAT 143:405928				

OTHER SOURCE(S): MARPAT 143:405928

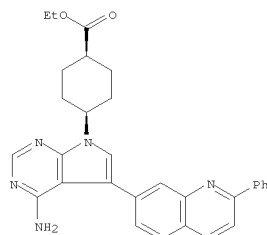
L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

IT 867161-45-3P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

1-(2-phenylquinolin-7-yl)imidazo[1,5-a]pyrazin-8-  
amines as protein kinase inhibitors)

RN 867161-45-3 CAPLUS  
CN Cyclohexanecarboxylic acid, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, ethyl ester, cis- (CA INDEX NAME)

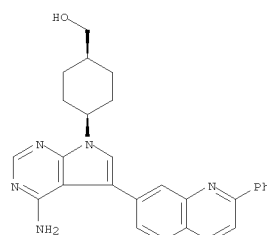
Relative stereochemistry.



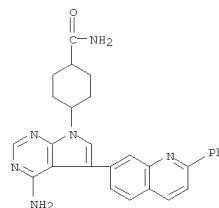
IT 867161-44-2P 867168-49-8P 867168-50-1P  
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867168-73-8P 867168-75-0P 867168-76-1P  
867168-77-2P 867168-78-3P 867168-79-4P  
867168-80-7P 867168-82-9P 867168-83-0P  
867168-85-2P 867168-87-4P 867168-89-6P  
867168-91-0P 867168-93-2P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of substituted  
1-(2-phenylquinolin-7-yl)imidazo[1,5-a]pyrazin-8-  
amines as protein kinase inhibitors)  
RN 867161-44-2 CAPLUS  
CN Cyclohexanemethanol, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



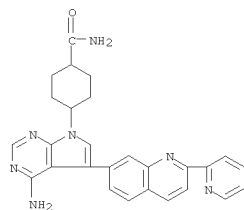
RN 867168-49-8 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



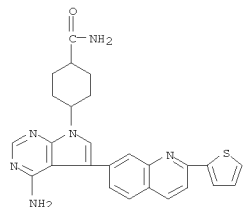
RN 867168-50-1 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[2-(2-pyridinyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

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L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

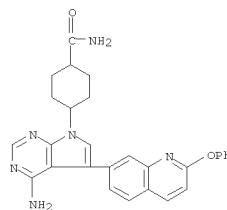


RN 867168-51-2 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[2-(2-thienyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

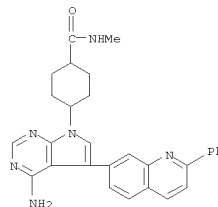


RN 867168-52-3 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenoxy-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

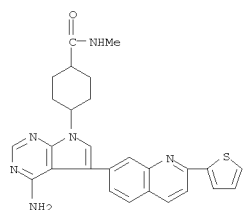


RN 867168-53-4 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

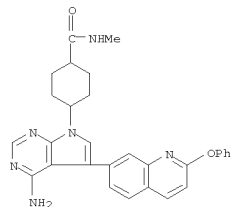


RN 867168-55-6 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[2-(2-thienyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

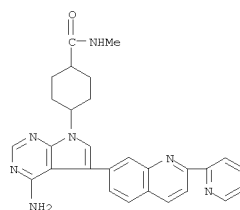


RN 867168-57-8 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(2-phenoxy-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

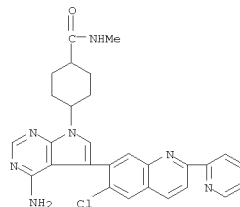


RN 867168-59-0 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[2-(2-pyridinyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



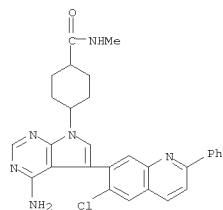
RN 867168-61-4 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[6-chloro-2-(2-pyridinyl)-7-quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)



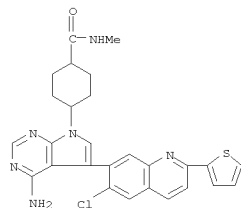
RN 867168-63-6 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(6-chloro-2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

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L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

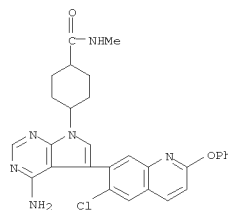


RN 867168-65-8 CAPLUS  
CN Cyclohexanecarboxamide,  
4-[4-amino-5-[6-chloro-2-(2-thienyl)-7-quinolinyl]-  
7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

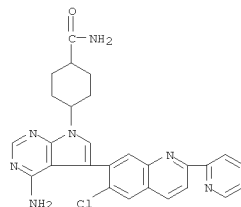


RN 867168-67-0 CAPLUS  
CN Cyclohexanecarboxamide,  
4-[4-amino-5-(6-chloro-2-phenoxy-7-quinolinyl)-7H-  
pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

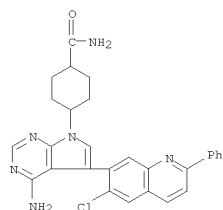


RN 867168-69-2 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-[6-chloro-2-(2-pyridinyl)-7-  
quinolinyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

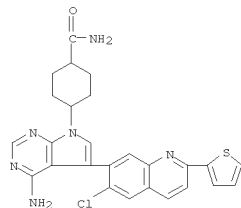


RN 867168-71-6 CAPLUS  
CN Cyclohexanecarboxamide, 4-[4-amino-5-(6-chloro-2-phenyl-7-quinolinyl)-7H-  
pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

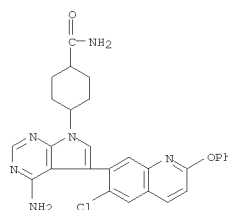


RN 867168-73-8 CAPLUS  
CN Cyclohexanecarboxamide,  
4-[4-amino-5-[6-chloro-2-(2-thienyl)-7-quinolinyl]-  
7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

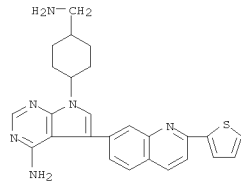


RN 867168-75-0 CAPLUS  
CN Cyclohexanecarboxamide,  
4-[4-amino-5-(6-chloro-2-phenoxy-7-quinolinyl)-7H-  
pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

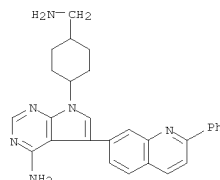
L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 867168-76-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[4-(aminomethyl)cyclohexyl]-5-[2-(2-  
thienyl)-7-quinolinyl]- (CA INDEX NAME)



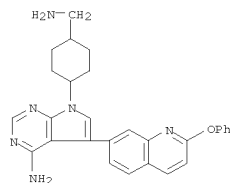
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CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(2-  
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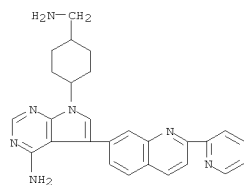
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L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 867168-78-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(2-phenoxy-7-quinolinyl)- (CA INDEX NAME)



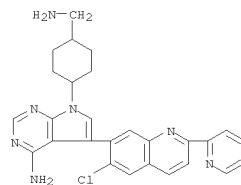
RN 867168-79-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[2-(2-pyridinyl)-7-quinolinyl]- (CA INDEX NAME)



RN 867168-80-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[6-chloro-2-(2-thienyl)-7-quinolinyl]- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

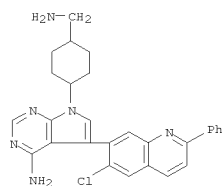
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CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[6-chloro-2-(2-pyridinyl)-7-quinolinyl]- (CA INDEX NAME)



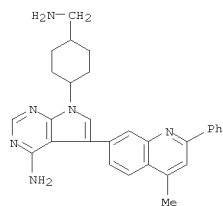
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CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(6-chloro-2-phenoxy-7-quinolinyl)- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 867168-85-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(6-chloro-2-phenyl-7-quinolinyl)- (CA INDEX NAME)

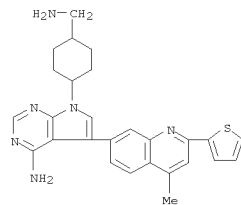


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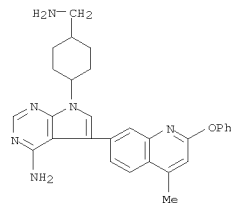


RN 867168-89-6 CAPLUS

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[4-methyl-2-(2-thienyl)-7-quinolinyl]- (CA INDEX NAME)



RN 867168-91-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-(4-methyl-2-phenoxy-7-quinolinyl)- (CA INDEX NAME)

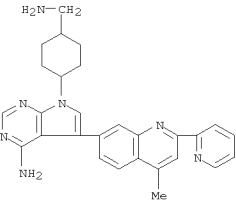


RN 867168-93-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[4-methyl-2-(2-pyridinyl)-7-quinolinyl]- (CA INDEX NAME)

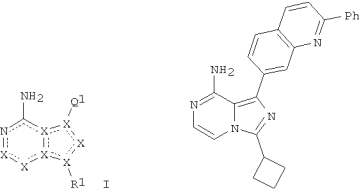


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L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



GI



AB The title comps. I [X1, X2 = N, substituted CH; X5 = N, substituted CH or NH; X3, X4, X6, X7 = N, C (at least one of X3-X7 = N or substituted NH); Q1 = substituted quinolin-7-yl] which inhibit the IGF-1R enzyme and are useful for the treatment and/or prevention of hyperproliferative diseases such as cancer, inflammation, psoriasis, allergy/asthma, disease and conditions of the immune system, disease and conditions of the central nervous system, were prepared. E.g., a multi-step synthesis of II, starting from Me 4-formyl-3-nitrobenzoate and acetophenone, was given. All exemplified comps. I showed inhibition of IGF-1R (no specific data for representative comps. I given). The pharmaceutical composition comprising the compound I is disclosed.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

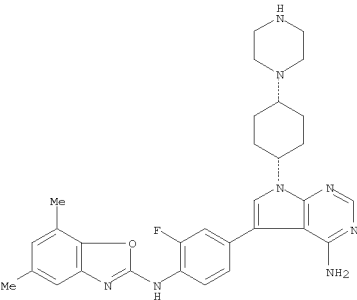
ACCESSION NUMBER: 2005:823493 CAPLUS  
DOCUMENT NUMBER: 143:229870  
TITLE: Preparation of aminobenzoxazoles as kinase inhibitors  
INVENTOR(S): Wishart, Neil; Friedman, Michael; Arnold, Lee D.; Yang, Bryant; Fix-Stenzel, Shannon R.; Ericsson, Anna;  
Michaelides, Michael R.; Qian, Xiao-Dong; Holmes, James H.; Steinman, Douglas H.; Tian, Zhengping; Wittenberger, Steven J.  
PATENT ASSIGNEE(S): Abbott Laboratories, USA  
SOURCE: PCT Int. Appl., 286 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005074603	A2	20050818	WO 2005-US3196	20050203
WO 2005074603	A3	20061109		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HT, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,			
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CA 2553724	A1	20050818	CA 2005-2553724	20050203
US 2006025383	A1	20060202	US 2005-50609	20050203
EP 1730148	A2	20061213	EP 2005-722668	20050203
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU			
JP 2007520559	T	20070726	JP 2006-552203	20050203
MX 2006PA08757	A	20061106	MX 2006-PA8757	20060802
PRIORITY APPLN. INFO.:	US 2004-541294P P 20040203			
	US 2004-547612P P 20040225			
	WO 2005-US3196 W 20050203			

OTHER SOURCE(S): MARPAT 143:229870  
IT 862726-49-6P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of aminobenzoxazoles as kinase inhibitors)  
RN 862726-49-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[cis-4-(1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.

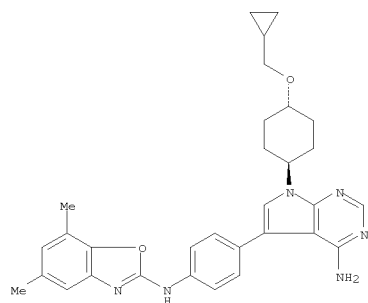


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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of aminobenzoxazoles as kinase inhibitors)  
RN 862723-56-6 CAPLUS

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L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(cyclopropylmethoxy)cyclohexyl)-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]- (CA INDEX NAME)

Relative stereochemistry.

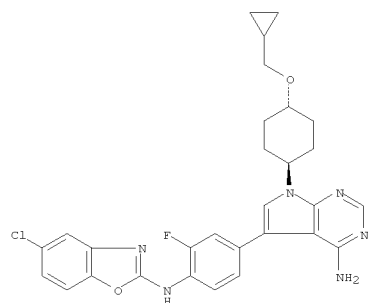


RN 862723-57-7 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(cyclopropylmethoxy)cyclohexyl)-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 3-fluorophenyl]-7-[(trans-4-(cyclopropylmethoxy)cyclohexyl)-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



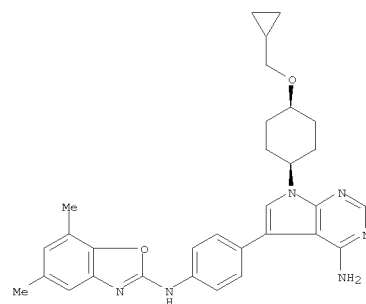
RN 862723-61-3 CAPLUS  
 CN Acetamide, 2-[[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]amino]-, diacetate (9CI) (CA INDEX NAME)

CM 1

CRN 862723-60-2  
 CMF C29 H32 N8 O2

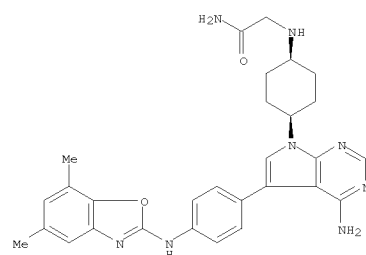
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



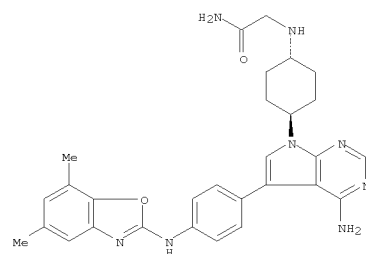
RN 862723-58-8 CAPLUS  
 CN Acetamide, 2-[[cis-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]amino]- (CA INDEX NAME)

Relative stereochemistry.



RN 862723-59-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-2-benzoxazolyl)amino]-

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 64-19-7  
 CMF C2 H4 O2

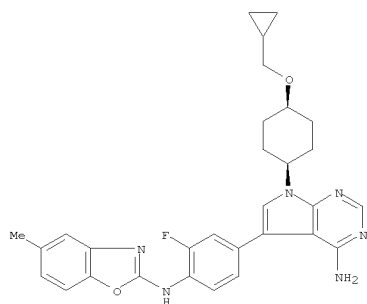


RN 862723-62-4 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(cyclopropylmethoxy)cyclohexyl)-5-[4-[(5-methyl-2-benzoxazolyl)amino]phenyl]- (CA INDEX NAME)

Relative stereochemistry.

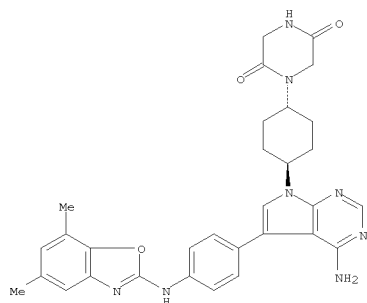
10534427b.trn

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

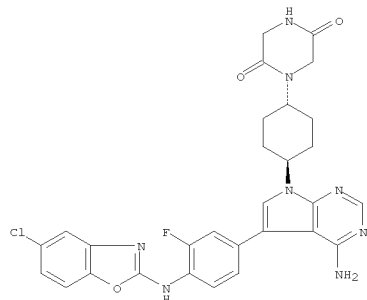


RN 862723-63-5 CAPLUS  
CN 2,5-Piperazinedione, 1-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

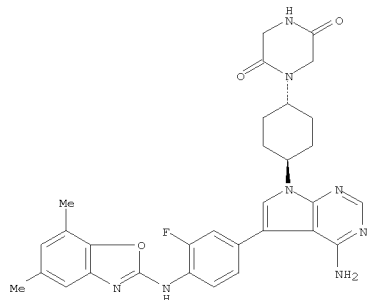


RN 862723-68-0 CAPLUS  
CN 2,5-Piperazinedione, 1-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, monoacetate (9CI) (CA INDEX NAME)

CM 1

CRN 862723-67-9  
CMF C31 H31 F N8 O3

Relative stereochemistry.



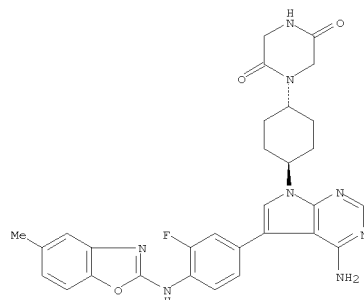
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 862723-65-7 CAPLUS  
CN 2,5-Piperazinedione, 1-[trans-4-[4-amino-5-[3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, monoacetate (9CI) (CA INDEX NAME)

CM 1

CRN 862723-64-6  
CMF C30 H29 F N8 O3

Relative stereochemistry.



CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 862723-66-8 CAPLUS  
CN 2,5-Piperazinedione, 1-[trans-4-[4-amino-5-[4-[(5-chloro-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

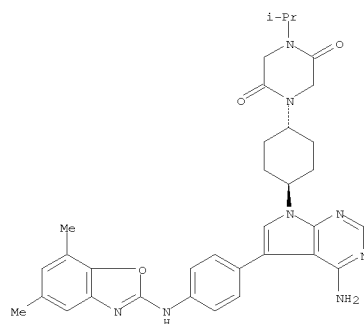
CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 862723-69-1 CAPLUS  
CN 2,5-Piperazinedione, 1-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-4-(1-methylethyl)- (CA INDEX NAME)

Relative stereochemistry.

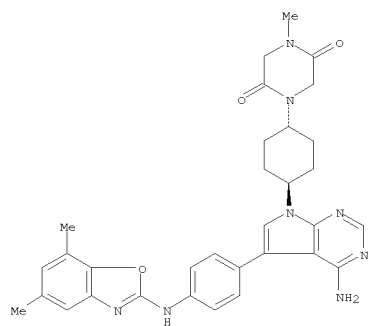


RN 862723-74-8 CAPLUS  
CN 2,5-Piperazinedione, 1-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-4-methyl- (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

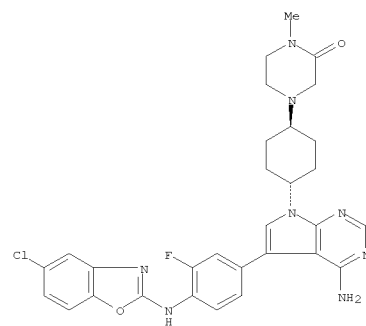
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862723-89-5 CAPLUS  
CN Piperazinone,  
4-[trans-4-[4-amino-5-[4-[(5-chloro-2-benzoxazolyl)amino]-3-  
fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-methyl- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.

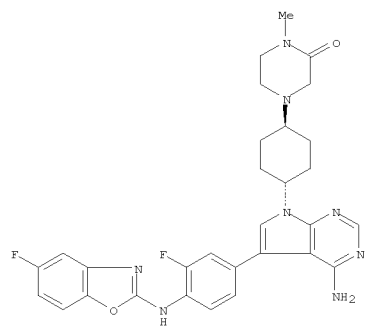
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862723-90-8 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[3-fluoro-4-[(5-fluoro-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-  
methyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



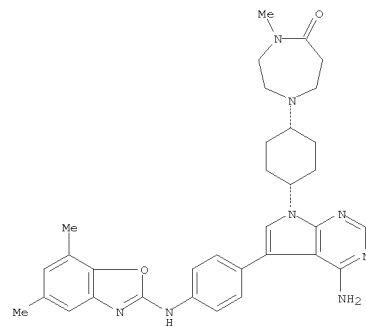
RN 862723-98-6 CAPLUS  
CN 5H-1,4-Diazepin-5-one, 1-[cis-4-[4-amino-5-[4-[(5,7-dimethyl-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-  
yl]cyclohexyl]hexahydro-4-methyl-, monoacetate (9CI) (CA INDEX NAME)

CM 1

CRN 862723-97-5  
CMF C33 H38 N8 O2

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 862724-00-3 CAPLUS  
CN 5H-1,4-Diazepin-5-one, 1-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-  
yl]cyclohexyl]hexahydro-4-methyl-, monoacetate (9CI) (CA INDEX NAME)

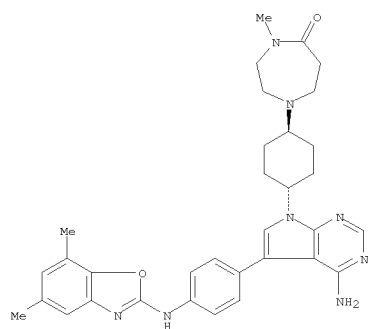
CM 1

CRN 862723-99-7  
CMF C33 H38 N8 O2

Relative stereochemistry.

10534427b.trn

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 64-19-7  
CMF C2 H4 O2

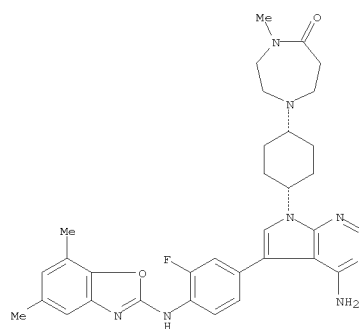


RN 862724-02-5 CAPLUS  
CN 5H-1,4-Diazepin-5-one, 1-[cis-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]hexahydro-4-methyl-, monoacetate (9CI) (CA INDEX NAME)

CM 1  
CRN 862724-01-4  
CMF C33 H37 F N8 O2

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 64-19-7  
CMF C2 H4 O2

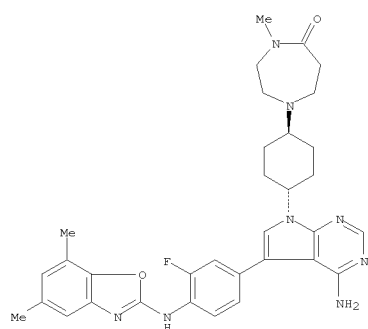


RN 862724-04-7 CAPLUS  
CN 5H-1,4-Diazepin-5-one, 1-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]hexahydro-4-methyl-, monoacetate (9CI) (CA INDEX NAME)

CM 1  
CRN 862724-03-6  
CMF C33 H37 F N8 O2

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



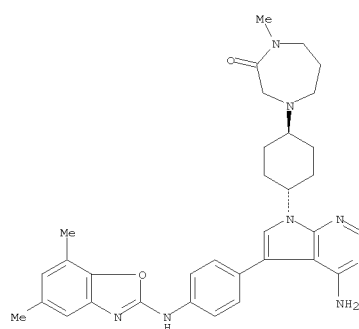
CM 2  
CRN 64-19-7  
CMF C2 H4 O2



RN 862724-11-6 CAPLUS  
CN 2H-1,4-Diazepin-2-one, 1-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]hexahydro-1-methyl-, monoacetate (9CI) (CA INDEX NAME)

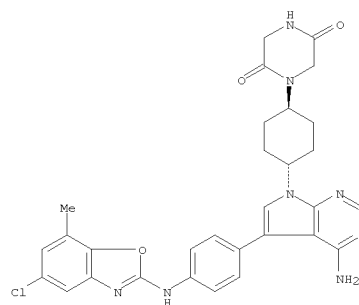
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862724-19-4 CAPLUS  
CN 2,5-Piperazinedione, 1-[trans-4-[4-amino-5-[4-[(5-chloro-7-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

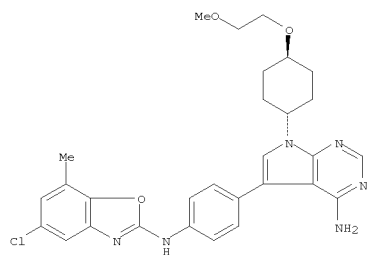


RN 862724-50-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-7-methyl-2-benzoxazolyl)amino]phenyl]- (CA INDEX NAME)

10534427b.trn

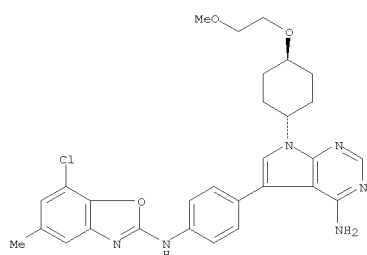
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA  
INDEX NAME)

Relative stereochemistry.



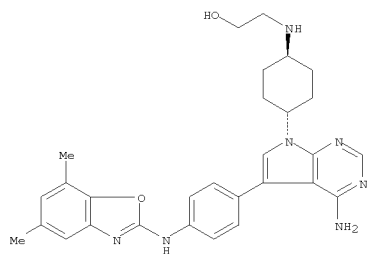
RN 862724-51-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-chloro-5-methyl-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA  
INDEX NAME)

Relative stereochemistry.



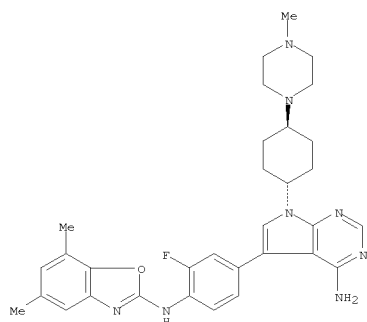
RN 862724-52-5 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862724-56-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

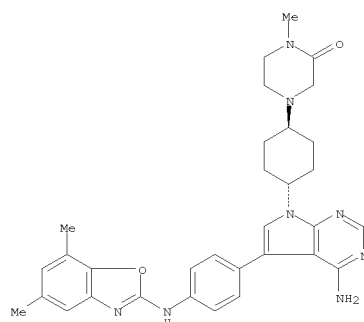
Relative stereochemistry.



RN 862724-72-9 CAPLUS  
CN Piperazinone,  
4-[trans-4-[4-amino-5-[4-[(5-chloro-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-methyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.

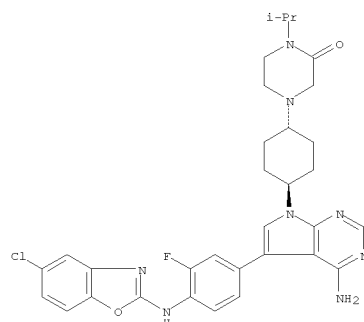


RN 862724-53-6 CAPLUS  
CN Ethanol, 2-[[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]amino]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

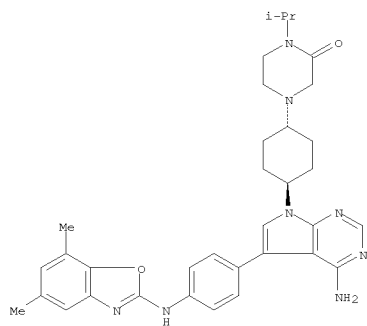


RN 862724-73-0 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

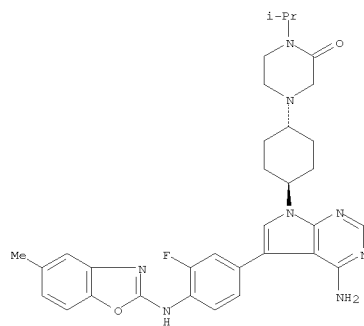
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862724-74-1 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[(3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

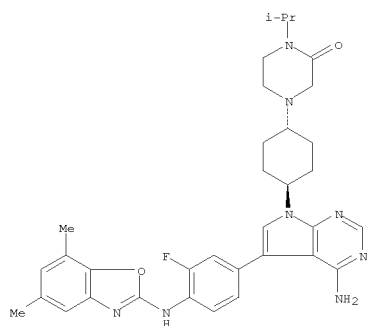
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862724-75-2 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-(1-methylethyl)- (9CI) (CA INDEX NAME)

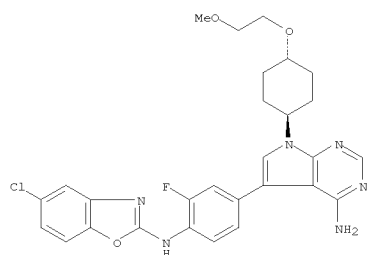
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



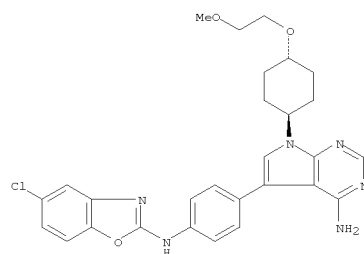
RN 862724-85-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



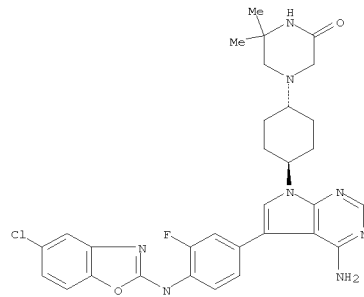
RN 862724-86-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



RN 862724-87-6 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[4-[(5-chloro-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-6,6-dimethyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.

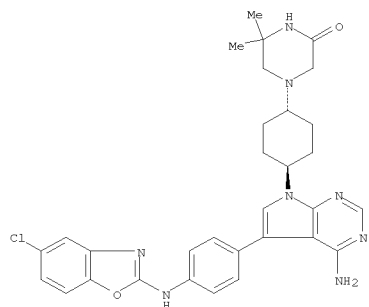


RN 862724-88-7 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[4-[(5-chloro-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-6,6-dimethyl- (9CI) (CA INDEX NAME)

10534427b.trn

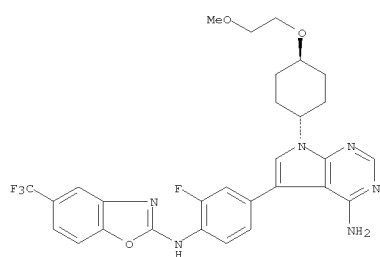
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

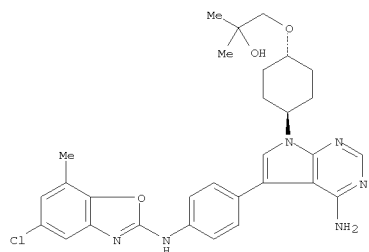


RN 862725-18-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[3-fluoro-4-[[5-(trifluoromethyl)-2-  
benzoxazolyl]amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA  
INDEX NAME)

Relative stereochemistry.

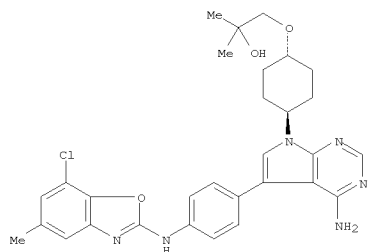


L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862725-25-5 CAPLUS  
CN 2-Propanol, 1-[[trans-4-[4-amino-5-[4-[(7-chloro-5-methyl-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-  
2-methyl- (CA INDEX NAME)

Relative stereochemistry.



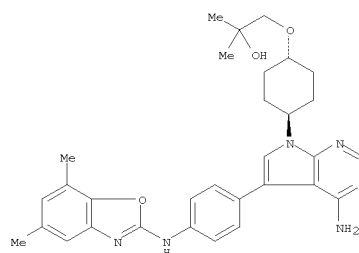
RN 862725-27-7 CAPLUS  
CN 2-Propanol, 1-[[trans-4-[4-amino-5-[4-[(5-fluoro-7-methyl-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-  
2-methyl- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 862725-21-1 CAPLUS  
CN 2-Propanol, 1-[[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-  
2-methyl- (CA INDEX NAME)

Relative stereochemistry.

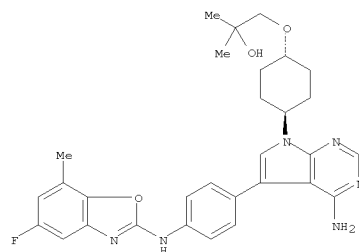


RN 862725-23-3 CAPLUS  
CN 2-Propanol, 1-[[trans-4-[4-amino-5-[4-[(5-chloro-7-methyl-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-  
2-methyl- (CA INDEX NAME)

Relative stereochemistry.

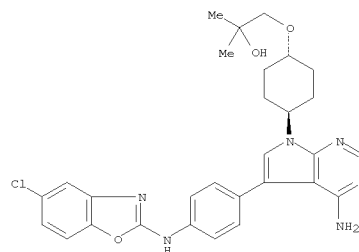


L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862725-29-9 CAPLUS  
CN 2-Propanol, 1-[[trans-4-[4-amino-5-[4-[(5-chloro-2-  
benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-  
2-methyl- (CA INDEX NAME)

Relative stereochemistry.



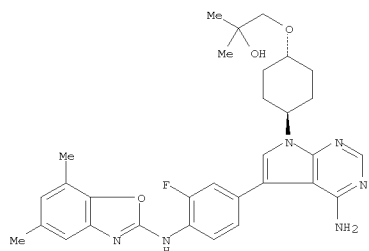
RN 862725-30-2 CAPLUS  
CN 2-Propanol, 1-[[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-  
3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-2-methyl-  
(CA INDEX NAME)

Relative stereochemistry.



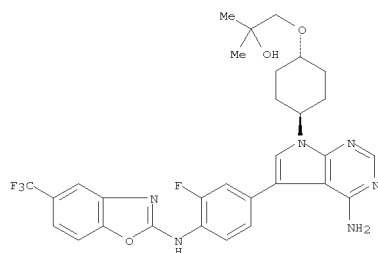
10534427b.trn

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



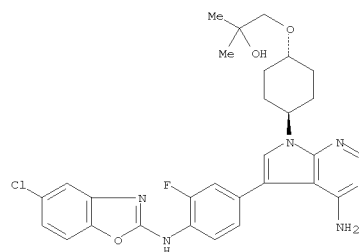
RN 862725-31-3 CAPLUS  
CN 2-Propanol, 1-[(trans-4-[4-amino-5-[3-fluoro-4-[[5-(trifluoromethyl)-2-benzoxazolyl]amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-2-methyl- (CA INDEX NAME)

Relative stereochemistry.



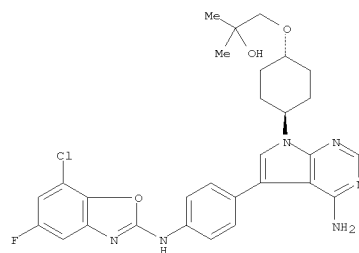
RN 862725-32-4 CAPLUS  
CN 2-Propanol, 1-[(trans-4-[4-amino-5-[4-[(5-chloro-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-2-methyl- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



RN 862725-33-5 CAPLUS  
CN 2-Propanol, 1-[(trans-4-[4-amino-5-[4-[(7-chloro-5-fluoro-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]oxy]-2-methyl- (CA INDEX NAME)

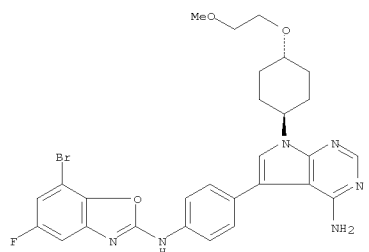
Relative stereochemistry.



RN 862725-41-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-bromo-5-fluoro-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

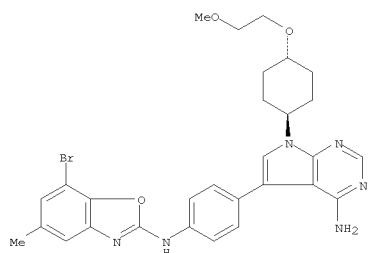
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



RN 862725-42-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-bromo-5-methyl-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

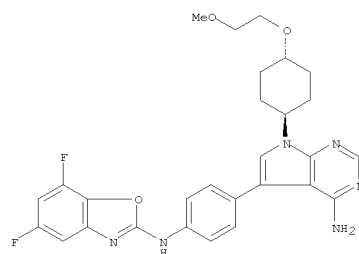
Relative stereochemistry.



RN 862725-54-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5,7-difluoro-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

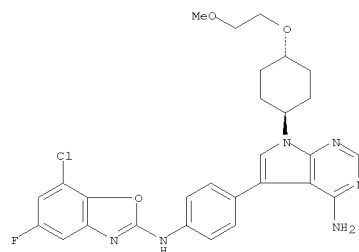
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862725-55-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-chloro-5-fluoro-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

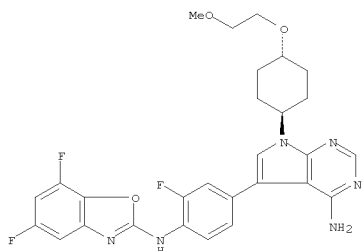
Relative stereochemistry.



RN 862725-56-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5,7-difluoro-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

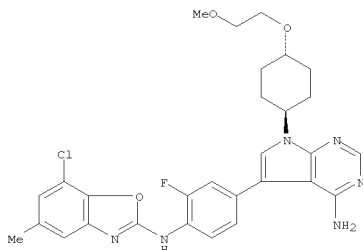
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862725-57-3 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-chloro-5-methyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

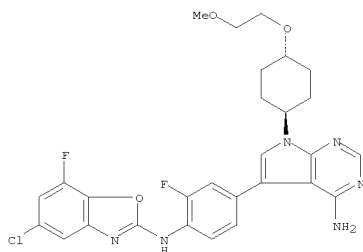
Relative stereochemistry.



RN 862725-60-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-bromo-7-methyl-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

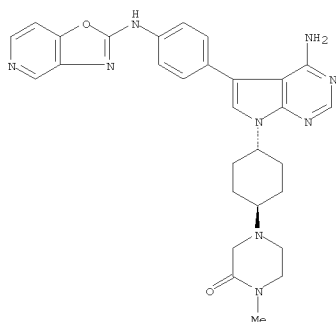
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



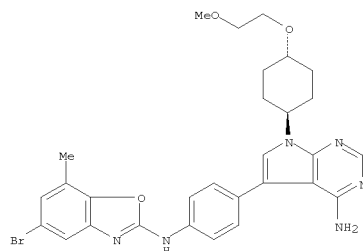
RN 862725-76-6 CAPLUS  
 CN Piperazinone, 4-[trans-4-[4-amino-5-[4-(oxazolo[4,5-c]pyridin-2-ylamino)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl)cyclohexyl]-1-methyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.



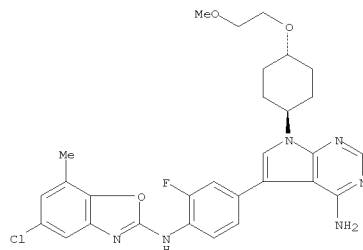
RN 862725-79-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-chloro-4,5-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862725-71-1 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-7-methyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



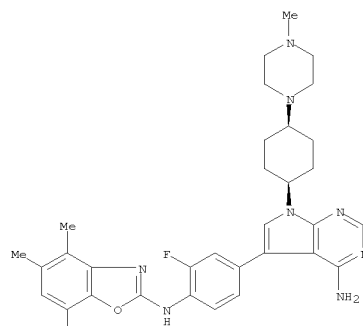
RN 862725-72-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-7-fluoro-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

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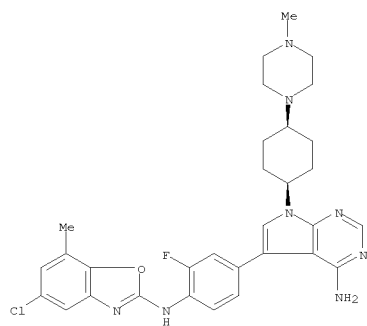
PAGE 2-A

RN 862725-80-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-7-methyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

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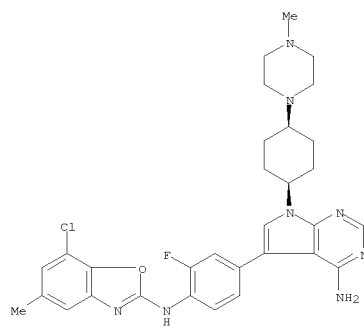
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862725-81-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-chloro-5-methyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

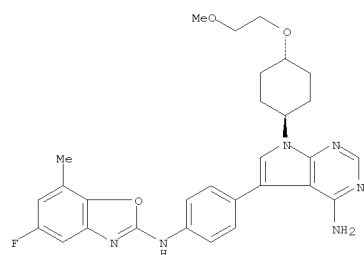
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862725-97-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-fluoro-7-methyl-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

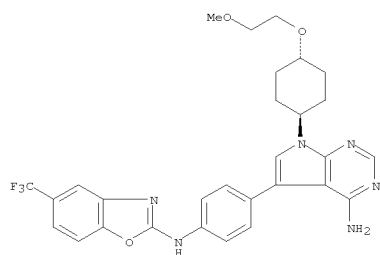


RN 862725-98-2 CAPLUS

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

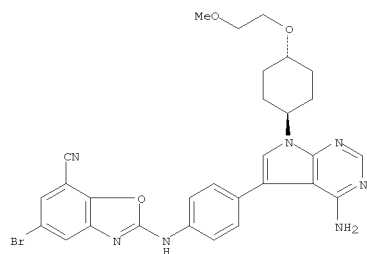
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(2-methoxyethoxy)cyclohexyl]-5-[4-[[5-(trifluoromethyl)-2-benzoxazolyl]amino]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



RN 862725-99-3 CAPLUS  
CN 7-Benzoxazolecarbonitrile, 2-[[4-[4-amino-7-[trans-4-(2-methoxyethoxy)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]amino]-5-bromo- (CA INDEX NAME)

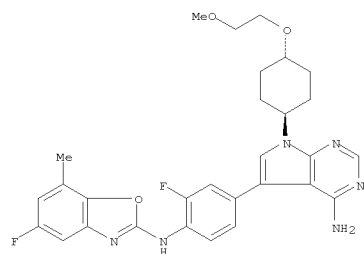
Relative stereochemistry.



RN 862726-00-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[3-fluoro-4-[(5-fluoro-7-methyl-2-benzoxazolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

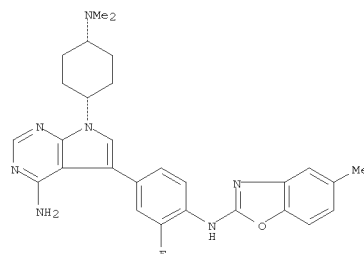


RN 862726-20-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(dimethylamino)cyclohexyl]-5-[3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-, diacetate (9CI)  
(CA INDEX NAME)

CM 1

CRN 862726-19-0  
CMF C28 H30 F N7 O

Relative stereochemistry.



10534427b.trn

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 64-19-7  
CMF C2 H4 O2

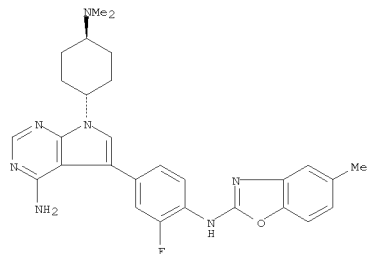


RN 862726-23-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[trans-4-(dimethylamino)cyclohexyl]-  
5-[3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-, monoacetate (9CI)  
(CA INDEX NAME)

CM 1

CRN 862726-22-5  
CMF C28 H30 F N7 O

Relative stereochemistry.



CM 2

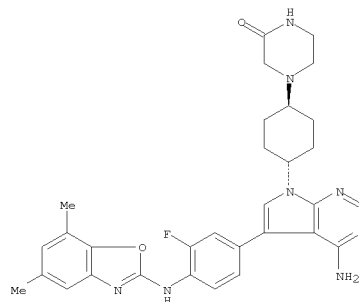
CRN 64-19-7  
CMF C2 H4 O2

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862726-25-8 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (9CI) (CA INDEX NAME)

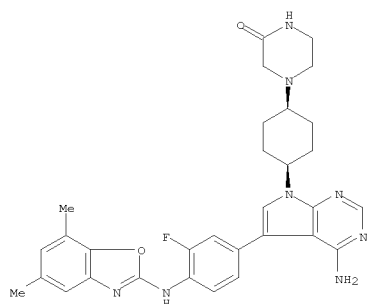
Relative stereochemistry.



RN 862726-27-0 CAPLUS  
CN Piperazinone,  
4-[cis-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (9CI) (CA INDEX NAME)

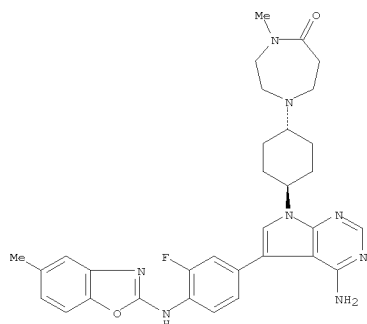
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862726-35-0 CAPLUS  
CN 5H-1,4-Diazepin-5-one, 1-[trans-4-[4-amino-5-[3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]hexahydro-4-methyl- (CA INDEX NAME)

Relative stereochemistry.



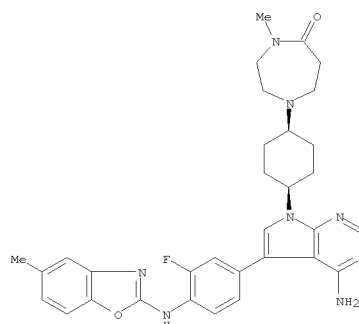
RN 862726-37-2 CAPLUS  
CN 5H-1,4-Diazepin-5-one, 1-[cis-4-[4-amino-5-[3-fluoro-4-[(5-methyl-2-

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 862726-36-1  
CMF C32 H35 F N8 O2

Relative stereochemistry.



CM 2

CRN 64-19-7  
CMF C2 H4 O2

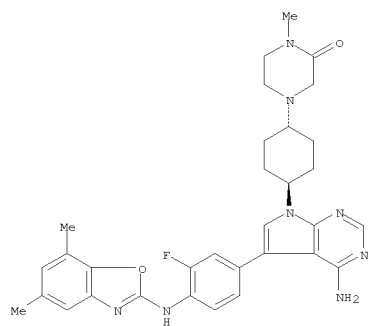


RN 862726-40-7 CAPLUS  
CN Piperazinone, 4-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-methyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

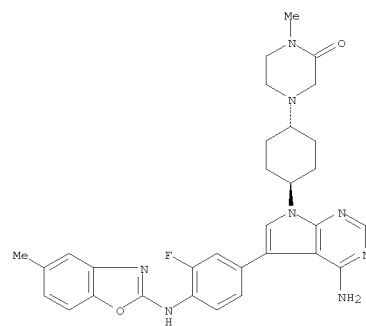
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862726-41-8 CAPLUS  
CN Piperazinone, 4-[[trans-4-[4-amino-5-[3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-methyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.

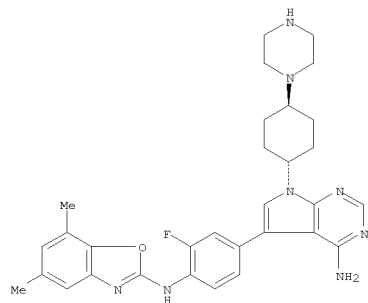
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862726-50-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[trans-4-(1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

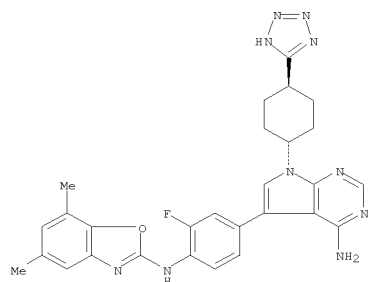
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



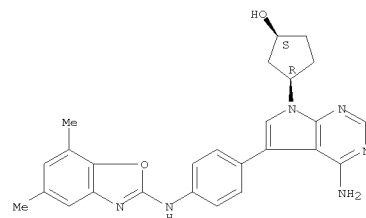
RN 862727-42-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[trans-4-(1H-tetrazol-5-yl)cyclohexyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



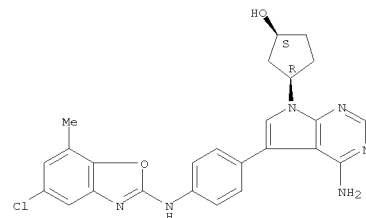
RN 862727-46-6 CAPLUS  
CN Cyclopentanol, 3-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, (1R,3S)-rel- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



RN 862727-47-7 CAPLUS  
CN Cyclopentanol, 3-[4-amino-5-[4-[(5-chloro-7-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, (1R,3S)-rel- (CA INDEX NAME)

Relative stereochemistry.

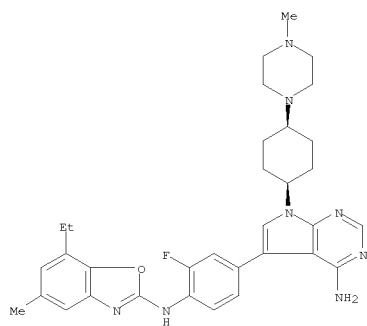


RN 862727-62-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-ethyl-5-methyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

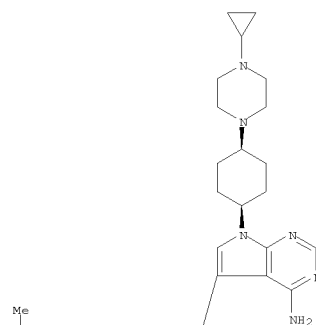
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



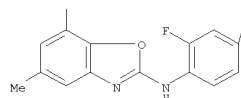
RN 862727-63-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]- (CA INDEX NAME)

Relative stereochemistry.

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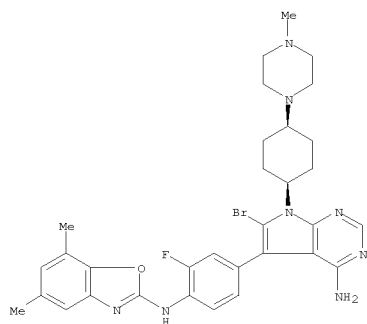
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RN 862727-64-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-bromo-5-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]- (CA INDEX NAME)

Relative stereochemistry.

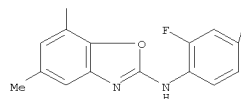
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



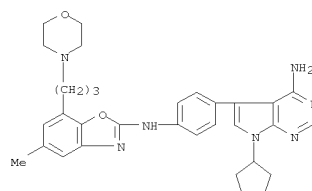
RN 862727-65-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]- (CA INDEX NAME)

Relative stereochemistry.

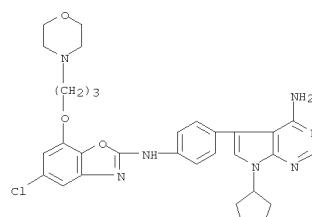
PAGE 2-A



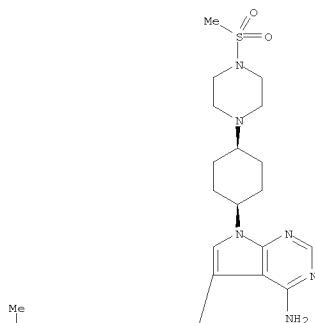
RN 862727-76-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]- (CA INDEX NAME)



RN 862728-04-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[(5-chloro-7-[(3-(4-morpholinyl)propoxy)-2-benzoxazolyl]amino]phenyl)-7-cyclopentyl]- (CA INDEX NAME)

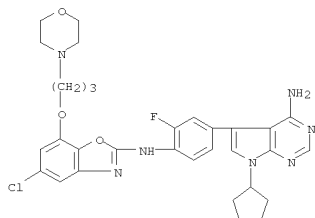


PAGE 1-A



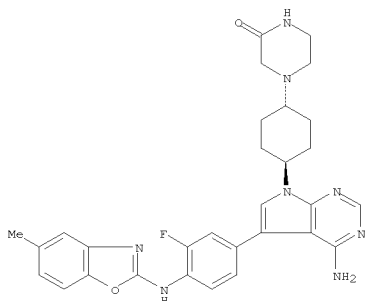
10534427b.trn

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 862728-08-3 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[[5-chloro-7-[3-(4-morpholinyl)propoxy]-2-benzoxazolyl]amino]-3-fluorophenyl]-7-cyclopentyl- (CA INDEX NAME)



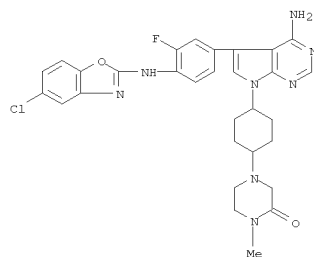
RN 862728-30-1 CAPLUS  
 CN Piperazinone, 4-[trans-4-[4-amino-5-[3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

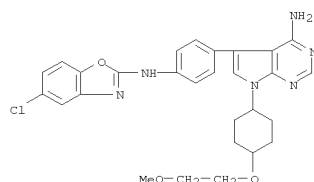


RN 862730-53-8 CAPLUS

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Piperazinone, 4-[4-[4-amino-5-[4-[(5-chloro-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-methyl- (9CI) (CA INDEX NAME)

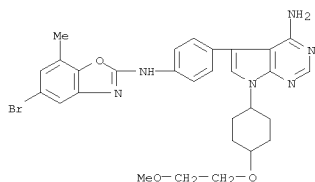


RN 862730-54-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-2-benzoxazolyl)amino]phenyl]-7-[4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)



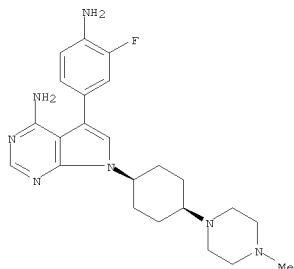
RN 862730-55-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-bromo-7-methyl-2-benzoxazolyl)amino]phenyl]-7-[4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 262441-45-2 862730-18-5 862730-21-0  
 862730-27-6 862730-32-3 862730-33-4  
 862730-36-7 862730-37-8 862730-45-8  
 862730-48-1  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of aminobenzoxazoles as kinase inhibitors)  
 RN 262441-45-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 5-(4-amino-3-fluorophenyl)-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

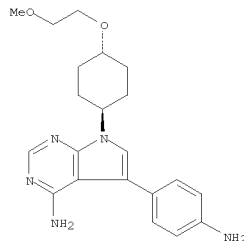
Relative stereochemistry.



RN 862730-18-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-aminophenyl)-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

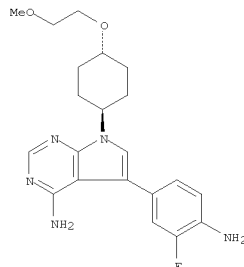
Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862730-21-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 5-(4-amino-3-fluorophenyl)-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

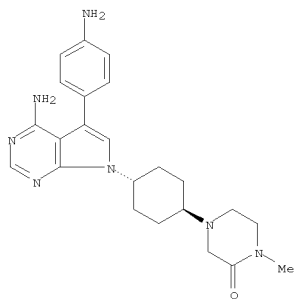


RN 862730-27-6 CAPLUS  
 CN Piperazinone, 4-[trans-4-[4-amino-5-(4-aminophenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-1-methyl- (9CI) (CA INDEX NAME)

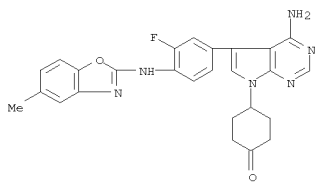
Relative stereochemistry.

10534427b.trn

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862730-32-3 CAPLUS  
CN Cyclohexanone, 4-[4-amino-5-[3-fluoro-4-[(5-methyl-2-benzoxazolyl)amino]phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 862730-33-4 CAPLUS  
CN Cyclohexanone, 4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

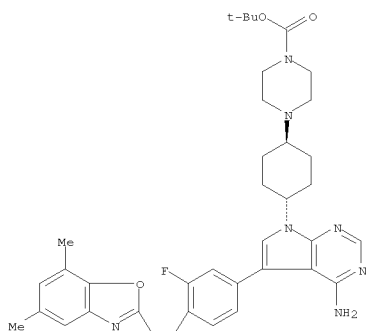


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RN 862730-37-8 CAPLUS  
CN 1-Piperazinecarboxylic acid, 4-[trans-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Relative stereochemistry.

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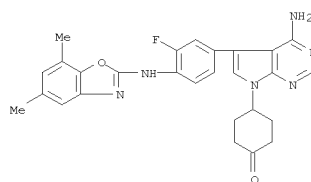


PAGE 2-A



RN 862730-45-8 CAPLUS  
CN Cyclohexanone, 4-[4-amino-5-(4-amino-3-fluorophenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

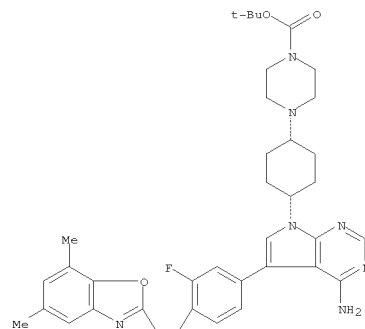
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



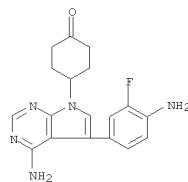
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CN 1-Piperazinecarboxylic acid, 4-[cis-4-[4-amino-5-[4-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Relative stereochemistry.

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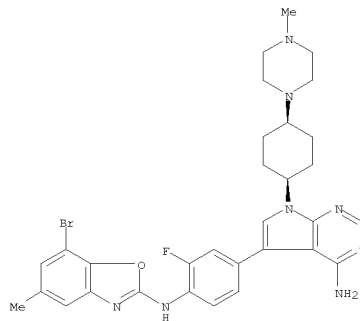


L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862730-48-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(7-bromo-5-methyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



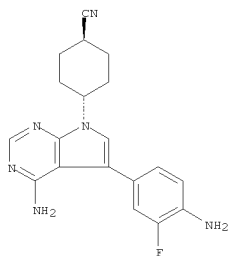
IT 862728-55-0P 862728-56-1P 862728-72-1P  
862729-24-6P 862729-26-8P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of aminobenzoxazoles as kinase inhibitors)  
RN 862728-55-0 CAPLUS  
CN Cyclohexanecarbonitrile, 4-[4-amino-5-(4-amino-3-fluorophenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans- (CA INDEX NAME)

Relative stereochemistry.



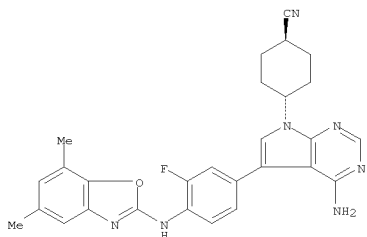
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L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862728-56-1 CAPLUS  
CN Cyclohexanecarbonitrile, 4-[4-amino-5-[(5,7-dimethyl-2-benzoxazolyl)amino]-3-fluorophenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans- (CA INDEX NAME)

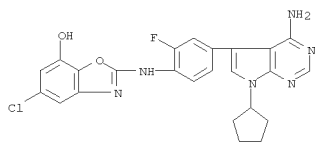
Relative stereochemistry.



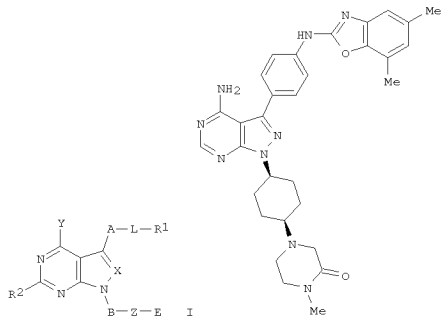
RN 862728-72-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-fluorophenyl)-6-bromo-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



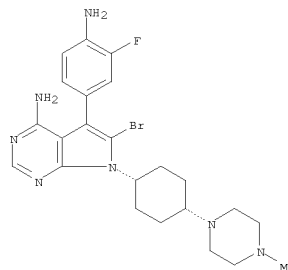
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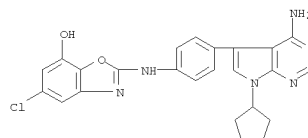
AB The title comps. I [X = N, CH; A = (un)substituted Ph, etc.; L = NH, (un)substituted alkylene, carbonyl, etc.; R1 = C(O)N(R11)2 (wherein R11 = H, alkyl, etc.); or R1 = alkyl, heterocyclyl, etc.; B = a bond, cycloalkyl, azaheterocyclyl, etc.; Z = a bond, carbonyl, O, S, SO2, etc.; E = H, alkoxy, alkoxy sulfonyl, etc.; R2 = H, NH2, S(alkyl), etc.; Y = H, OR3, N(R3)2 (wherein R3 = H, alkyl, (CH2)2CONH2, etc.); with the provisos]  
which are useful as kinase inhibitors, were prepared and formulated.  
Thus, reacting cis-[4-[4-(4-amino-3-iodopyrazolo[3,4-d]pyrimidin-1-yl)cyclohexyl]-1-methylpiperazin-2-one with (5,7-dimethylbenzoxazol-2-yl)-[4-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolan-2-yl)phenyl]amine afforded cis-II. Certain comps. I significantly inhibit cdc2 at concns. below 50  $\mu$ M.

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L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 862729-24-6 CAPLUS  
CN 7-Benzoxazolol, 2-[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]amino]-5-chloro- (CA INDEX NAME)



RN 862729-26-8 CAPLUS  
CN 7-Benzoxazolol, 2-[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]-5-chloro- (CA INDEX NAME)

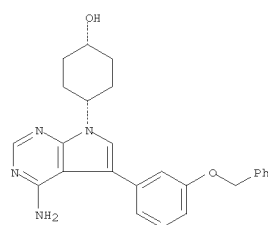
L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2004:430805 CAPLUS  
DOCUMENT NUMBER: 140:423702  
TITLE: Preparation of 4-amino-5-phenyl-7-cyclohexyl-  
pyrrolo[2,3-d]pyrimidine derivatives as  
antiproliferative agents  
INVENTOR(S): Capraro, Hans-Georg; Furet, Pascal;  
Garcia-Echeverria, Carlos  
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.  
SOURCE: PCT Int. Appl., 65 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004043962	A1	20040527	WO 2003-EP12594	20031111
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SY, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2505036	A1	20040527	CA 2003-2505036	20031111
AU 2003292007	A1	20040603	AU 2003-292007	20031111
EP 1562947	A1	20050817	EP 2003-767530	20031111
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BR 2003016157	A	20050927	BR 2003-16157	20031111
CN 1711269	A	20051221	CN 2003-80103157	20031111
JP 2006508117	T	20060309	JF 2004-550988	20031111
US 2006058324	A1	20060316	US 2005-534427	20050510
PRIORITY APPLN. INFO.:				
WO 2003-EP12594				W 20031111

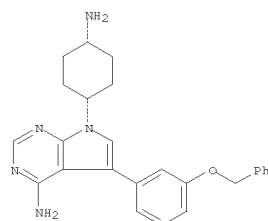
OTHER SOURCE(S): MARPAT 140:423702  
IT 692781-61-6P 692781-75-2P 692781-81-0P  
692782-01-7P 692782-02-8P 692782-03-9P  
692782-11-9P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of aminophenylcyclohexyl pyrrolopyrimidine derivs. as antiproliferative agents)  
RN 692781-61-6 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



RN 692781-75-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-(cis-4-aminocyclohexyl)-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

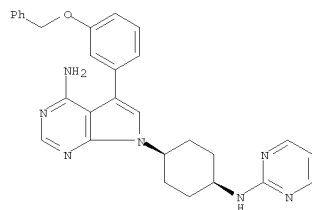
Relative stereochemistry.



RN 692781-81-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[3-(phenylmethoxy)phenyl]-7-[cis-4-(2-pyrimidinylamino)cyclohexyl]- (CA INDEX NAME)

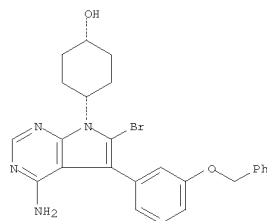
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692782-01-7 CAPLUS  
CN Cyclohexanol, 4-[4-amino-6-bromo-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

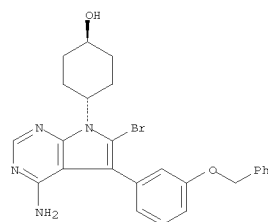
Relative stereochemistry.



RN 692782-02-8 CAPLUS  
CN Cyclohexanol, 4-[4-amino-6-bromo-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans- (CA INDEX NAME)

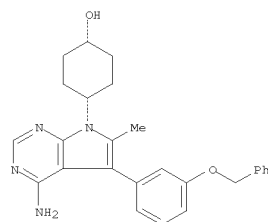
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692782-03-9 CAPLUS  
CN Cyclohexanol, 4-[4-amino-6-methyl-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

Relative stereochemistry.

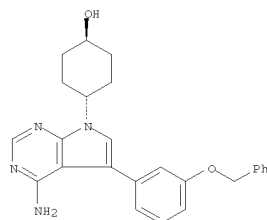


RN 692782-11-9 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans- (CA INDEX NAME)

Relative stereochemistry.

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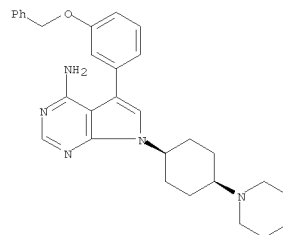
L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 692781-62-7P 692781-63-8P 692781-64-9P  
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692782-09-5P 692782-10-8P 692782-12-0P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of aminophenylcyclohexyl pyrrolopyrimidine derivs. as  
antiproliferative agents)  
RN 692781-62-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[3-(phenylmethoxy)phenyl]-7-[cis-4-  
(1-piperidinyl)cyclohexyl]- (CA INDEX NAME)

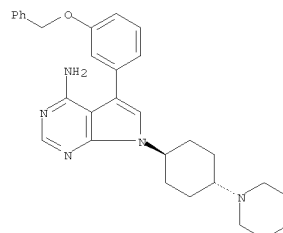
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-63-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[3-(phenylmethoxy)phenyl]-7-[trans-4-  
(1-piperidinyl)cyclohexyl]- (CA INDEX NAME)

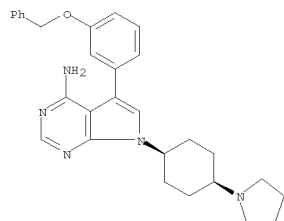
Relative stereochemistry.



RN 692781-64-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[3-(phenylmethoxy)phenyl]-7-[cis-4-  
(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

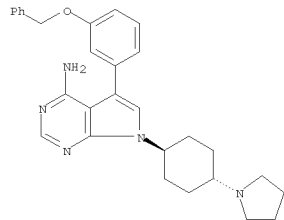
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-65-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[3-(phenylmethoxy)phenyl]-7-[trans-4-  
(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

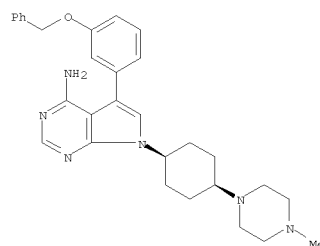
Relative stereochemistry.



RN 692781-66-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

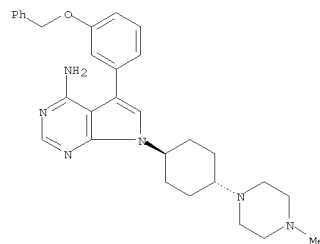
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-67-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

Relative stereochemistry.

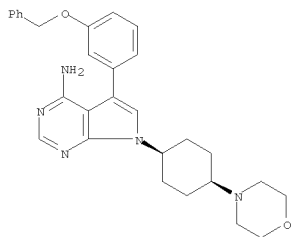


RN 692781-68-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[cis-4-(4-morpholinyl)cyclohexyl]-5-  
[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

Relative stereochemistry.

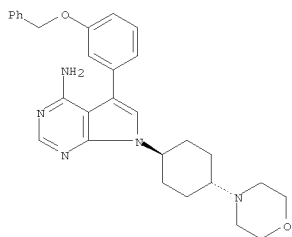
10534427b.trn

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-69-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[(trans-4-(4-morpholinyl)cyclohexyl)-  
5-[3-(phenylmethoxy)phenyl]]- (CA INDEX NAME)

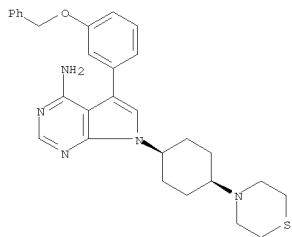
Relative stereochemistry.



RN 692781-70-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-(1-azetidiny)cyclohexyl)-5-  
[3-(phenylmethoxy)phenyl]]- (CA INDEX NAME)

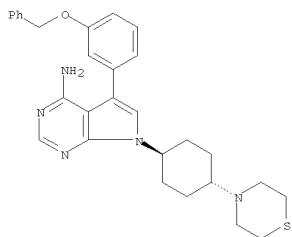
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-73-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[3-(phenylmethoxy)phenyl]-7-[(trans-4-  
(4-thiomorpholinyl)cyclohexyl)]- (CA INDEX NAME)

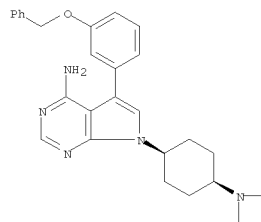
Relative stereochemistry.



RN 692781-74-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[(trans-4-(diethylamino)cyclohexyl)-5-  
[3-(phenylmethoxy)phenyl]]- (CA INDEX NAME)

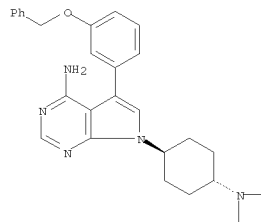
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-71-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[(trans-4-(1-azetidiny)cyclohexyl)-5-  
[3-(phenylmethoxy)phenyl]]- (CA INDEX NAME)

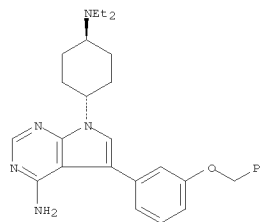
Relative stereochemistry.



RN 692781-72-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[3-(phenylmethoxy)phenyl]-7-[(cis-4-  
(4-thiomorpholinyl)cyclohexyl)]- (CA INDEX NAME)

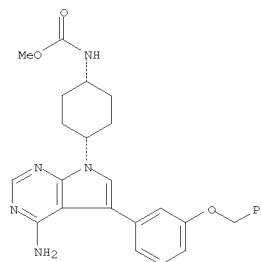
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-76-3 CAPLUS  
CN Carbamic acid,  
[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-  
d]pyrimidin-7-yl]cyclohexyl]-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.

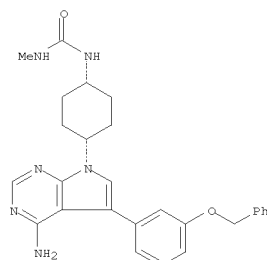


RN 692781-77-4 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-  
d]pyrimidin-7-yl]cyclohexyl]-N'-methyl- (CA INDEX NAME)

Relative stereochemistry.

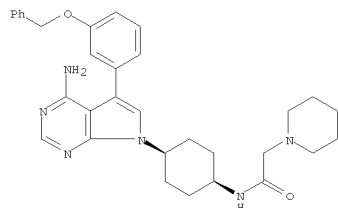
10534427b.trn

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-78-5 CAPLUS  
CN 1-Piperidineacetamide, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

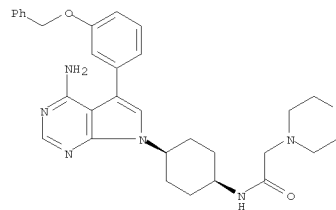
Relative stereochemistry.



RN 692781-79-6 CAPLUS  
CN 4-Morpholineacetamide, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

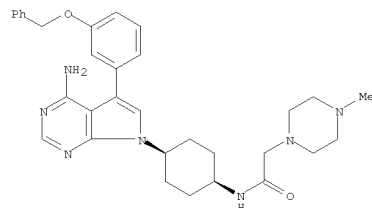
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-80-9 CAPLUS  
CN 1-Piperazineacetamide, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-4-methyl- (CA INDEX NAME)

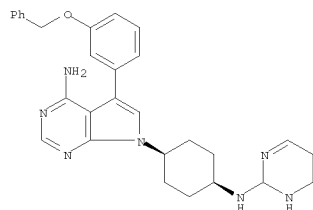
Relative stereochemistry.



RN 692781-82-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[3-(phenylmethoxy)phenyl]-7-[cis-4-(1,2,5,6-tetrahydro-2-pyrimidinyl)amino]cyclohexyl]- (CA INDEX NAME)

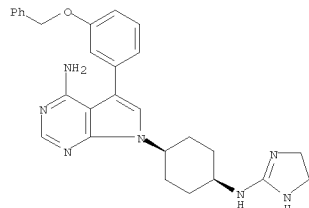
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-83-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(4,5-dihydro-1H-imidazol-2-yl)amino]cyclohexyl]-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

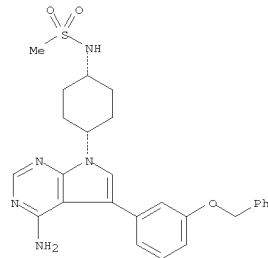
Relative stereochemistry.



RN 692781-84-3 CAPLUS  
CN Methanesulfonamide, N'-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

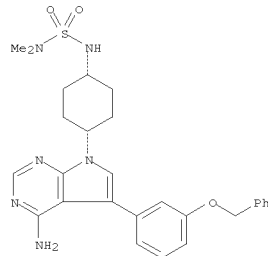
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-85-4 CAPLUS  
CN Sulfamide, N'-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N-dimethyl- (CA INDEX NAME)

Relative stereochemistry.

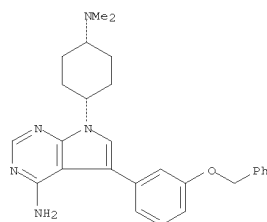


RN 692781-86-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[3-(phenylmethoxy)phenyl]-7-[cis-4-(dimethylamino)cyclohexyl]-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

Relative stereochemistry.

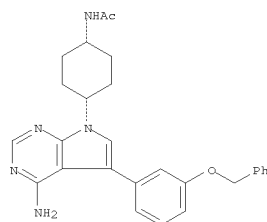
10534427b.trn

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-87-6 CAPLUS  
CN Acetamide, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

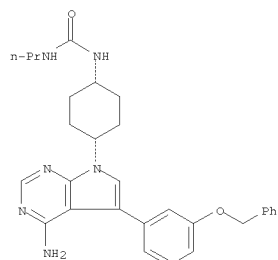
Relative stereochemistry.



RN 692781-88-7 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-ethyl- (CA INDEX NAME)

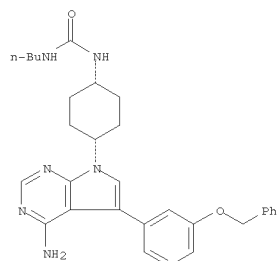
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-91-2 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-butyl- (CA INDEX NAME)

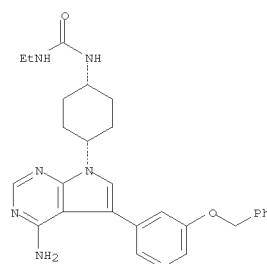
Relative stereochemistry.



RN 692781-92-3 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-[(3-methylphenyl)methyl]- (CA INDEX NAME)

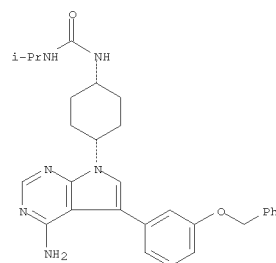
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-89-8 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(1-methylethyl)- (CA INDEX NAME)

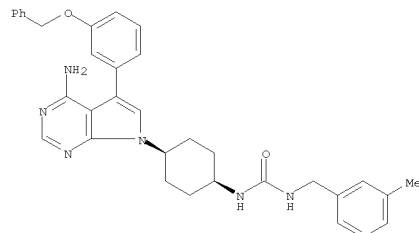
Relative stereochemistry.



RN 692781-90-1 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-propyl- (CA INDEX NAME)

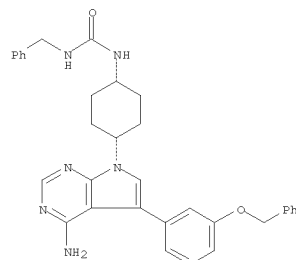
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-93-4 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(phenylmethyl)- (CA INDEX NAME)

Relative stereochemistry.

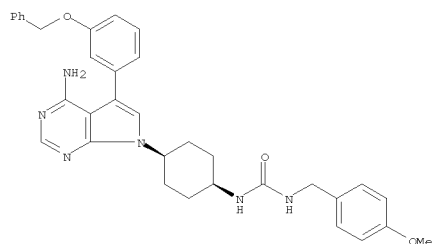


RN 692781-94-5 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-[(4-methoxyphenyl)methyl]- (CA INDEX NAME)

Relative stereochemistry.

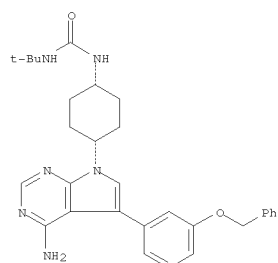
10534427b.trn

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692781-95-6 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(1,1-dimethylethyl)- (CA INDEX NAME)

Relative stereochemistry.

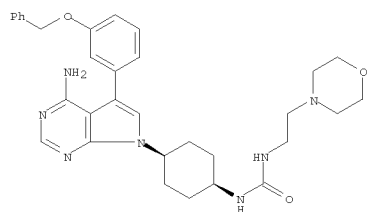


RN 692781-96-7 CAPLUS  
CN Guanidine, [cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

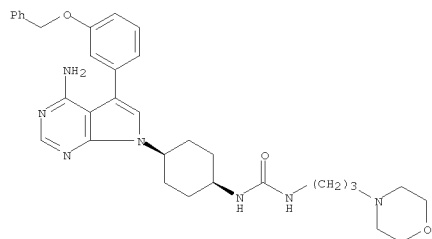
L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



RN 692781-99-0 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(3-(4-morpholinyl)propyl)- (CA INDEX NAME)

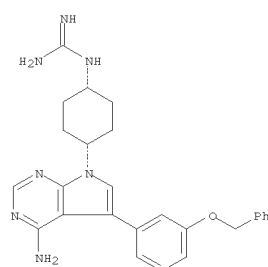
Relative stereochemistry.



RN 692782-00-6 CAPLUS  
CN Carbamic acid, [cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 2-methoxyethyl ester (9CI) (CA INDEX NAME)

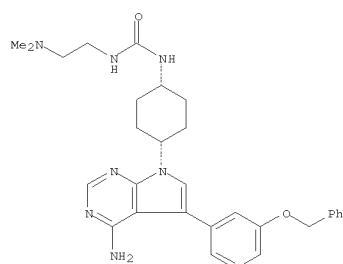
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



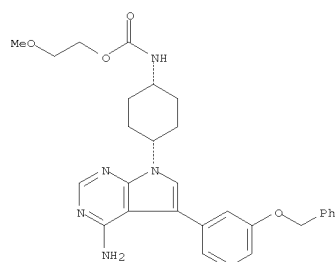
RN 692781-97-8 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(2-(dimethylamino)ethyl)- (CA INDEX NAME)

Relative stereochemistry.



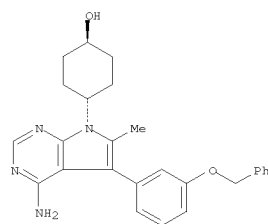
RN 692781-98-9 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(2-(4-morpholinyl)ethyl)- (CA INDEX NAME)

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692782-04-0 CAPLUS  
CN Cyclohexanol, 4-[4-amino-6-methyl-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans- (CA INDEX NAME)

Relative stereochemistry.

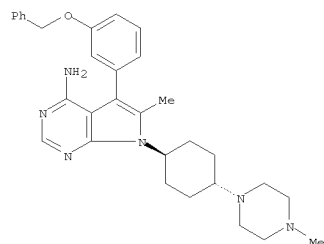


RN 692782-05-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-methyl-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

Relative stereochemistry.

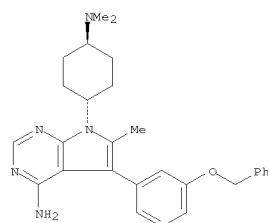
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L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692782-06-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[trans-4-(dimethylamino)cyclohexyl]-  
6-methyl-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

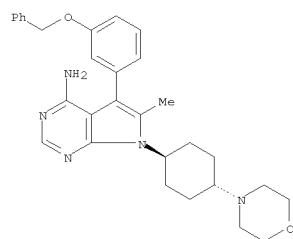
Relative stereochemistry.



RN 692782-07-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[trans-4-(diethylamino)cyclohexyl]-6-  
methyl-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

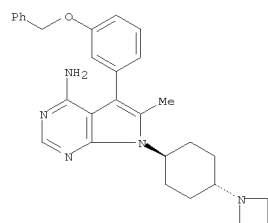
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692782-10-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[trans-4-(1-azetidiny)cyclohexyl]-6-  
methyl-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

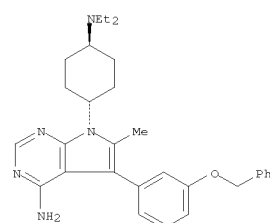
Relative stereochemistry.



RN 692782-12-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-(trans-4-aminocyclohexyl)-5-[3-  
(phenylmethoxy)phenyl]- (CA INDEX NAME)

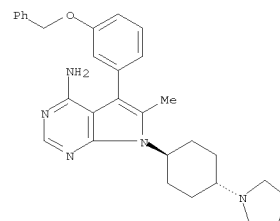
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692782-08-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
6-methyl-5-[3-(phenylmethoxy)phenyl]-7-  
[trans-4-(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

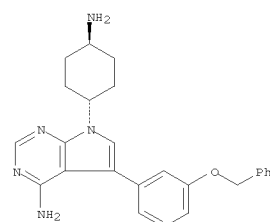
Relative stereochemistry.



RN 692782-09-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-methyl-7-[trans-4-(4-  
morpholinyl)cyclohexyl]-5-[3-(phenylmethoxy)phenyl]- (CA INDEX NAME)

Relative stereochemistry.

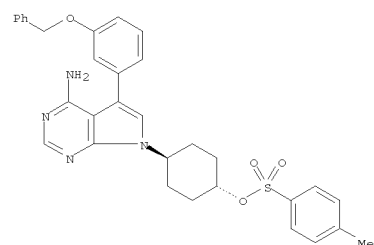
L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 692782-13-1P 692782-15-3P 692782-16-4P  
692782-17-5P 692782-18-6P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of aminophenylcyclohexyl pyrrolopyrimidine derivs. as  
antiproliferative agents)

RN 692782-13-1 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-  
d]pyrimidin-7-yl]-, 4-methylbenzenesulfonate (ester), trans- (9CI) (CA  
INDEX NAME)

Relative stereochemistry.

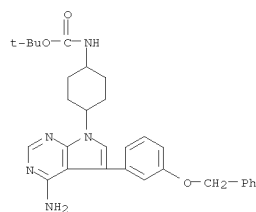


RN 692782-15-3 CAPLUS  
CN Carbamic acid, [4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-  
d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX  
NAME)



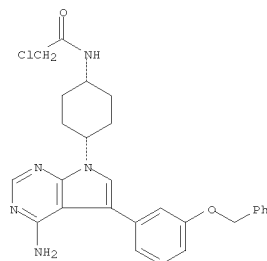
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L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 692782-16-4 CAPLUS  
CN Acetamide, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-2-chloro- (CA INDEX NAME)

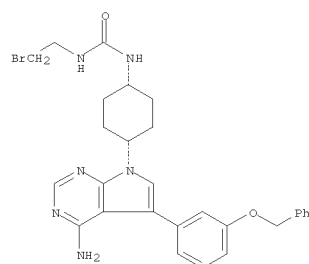
Relative stereochemistry.



RN 692782-17-5 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(2-bromoethyl)- (CA INDEX NAME)

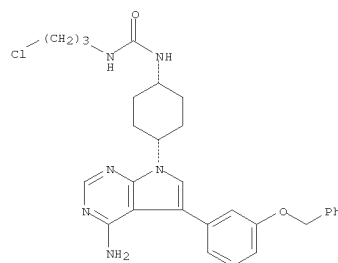
Relative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



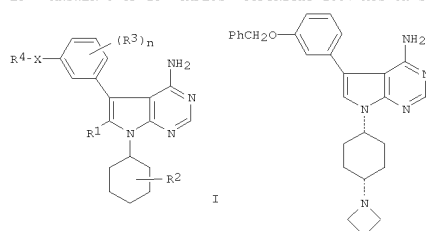
RN 692782-18-6 CAPLUS  
CN Urea, N-[cis-4-[4-amino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N'-(3-chloropropyl)- (CA INDEX NAME)

Relative stereochemistry.



GI

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



II

AB The invention relates to new 4-amino-5-phenyl-7-cyclohexyl-pyrrolo[2,3-d]pyrimidine derivs. of formula I [R1 = H, alkyl, halo; R2 = OH, (substituted) amino, heterocyclo, etc.; R3 = alkyl, (substituted) alkyl, OH, CN, alkoxy, acyl, etc.; R4 = cycloalkyl-Me, benzyl, furylmethyl, etc.; X = O, NH, S; n = 0-4], processes for the preparation thereof, the application thereof in a process for the treatment of the human or animal body, the use thereof - alone or in combination with one or more other pharmaceutically active compds. - for the treatment of a disease, especially a proliferative disease, such as a tumor disease, a method for the treatment of such diseases in mammals, especially in humans, and the use of such a compound - alone or in combination with one or more other pharmaceutically active compds. - for the preparation of a pharmaceutical composition (medicament) for the treatment especially of a proliferative disease, such as a tumor. Thus, II was prepared from trans-4-[4-amino-5-(3-benzoyloxyphenyl)pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexanol (preparation given) and azetidine. The IC50 of II was 0.12  $\mu$ M in the cellular "capture ELISA" test against IGF-I induced IGF-IR autophosphorylation.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L5 ANSWER 7 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:182368 CAPLUS  
DOCUMENT NUMBER: 140:229401  
TITLE: Three hybrid assay system for isolating  
ligand-binding  
INVENTOR(S): polypeptides and for isolating small mol. ligands  
Come, Jon H.; Becker, Frank; Kley, Nikolai A.;  
Reichel, Christoph  
PATENT ASSIGNEE(S): Gpc Biotech Inc., USA; Gpc Biotech AG  
SOURCE: U.S. Pat. Appl. Publ., 238 pp., Cont.-in-part of U.S.  
Ser. No. 91,177.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 6  
PATENT INFORMATION:

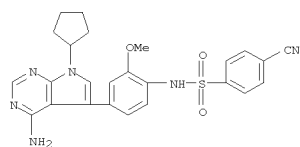
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004043388	A1	20040304	US 2002-234985	20020903
US 7135550	B2	20061114		
US 2003165873	A1	20030904	US 2002-91177	20020304
EP 1832589	A1	20070912	EP 2007-8359	20021015
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, SK, TR, AL, LT, LV, MK				
US 2004266854	A1	20041230	US 2004-820453	20040407
PRIORITY APPLN. INFO.:			US 2001-272932P	P 20010302
			US 2001-278233P	P 20010323
			US 2001-329437P	P 20011015
			US 2002-91177	A2 20020304
			US 2001-336962P	P 20011203
			WO 2002-US6677	A2 20020304
			US 2002-234985	A2 20020903
			EP 2002-797047	A3 20021015
			WO 2002-US33052	A2 20021015
			US 2003-460921P	P 20030407
			US 2003-531872P	P 20031223

IT 262430-03-5D, conjugates 262432-51-9D, conjugates  
262445-18-1D, conjugates 344359-26-8D, conjugates  
666839-04-9D, conjugates  
RI: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(three hybrid assay system for isolating ligand-binding polypeptides and for isolating small mol. ligands)

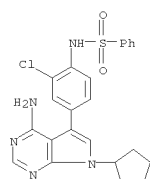
RN 262430-03-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-cyano- (CA INDEX NAME)

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L5 ANSWER 7 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-51-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-chlorophenyl]- (CA INDEX NAME)

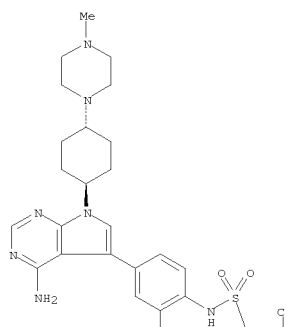


RN 262445-19-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-  
2,4-dichloro- (CA INDEX NAME)

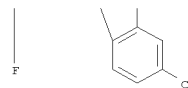
Relative stereochemistry.

L5 ANSWER 7 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

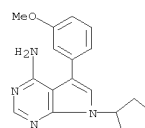
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PAGE 2-A

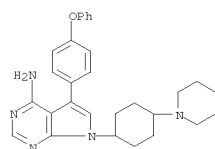


RN 344359-26-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(3-methoxyphenyl)-  
(CA INDEX NAME)



L5 ANSWER 7 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 666839-04-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[4-(1-  
piperidinyl)cyclohexyl]- (CA INDEX NAME)



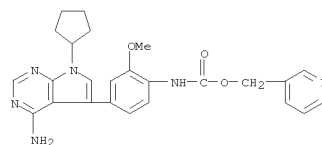
AB The invention provides compns. and methods for isolating ligand-binding  
polypeptides for a user-specified ligand, and for isolating small mol.  
ligands for a user-specified target polypeptide using an improved class  
of hybrid ligand compds. Preparation of compds., e.g a methotrexate moiety  
linked by a polyethylene glycol moiety to dexamethasone, is described.

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:777394 CAPLUS  
DOCUMENT NUMBER: 139:292260  
TITLE: Preparation of 4-aminopyrrolopyrimidines as protein  
kinase inhibitors  
INVENTOR(S): Calderwood, David; Arnold, Lee; Mardiyasni, Hormoz;  
Hirst, Gavin C.; Deng, Bojuan B.; Johnston, David N.;  
Rafferty, Paul; Tometzki, Gerald B.; Twigger, Helen  
L.; Munschauer, Rainer  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 93 pp., Cont.-in-part of U.S.  
6,001,839.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003187001	A1	20031002	US 1999-399083	19990917
US 6001839	A	19991214	US 1998-42702	19980317
PRIORITY APPLN. INFO.:			US 1998-42702	A2 19980317
			US 1998-100954P	P 19980918

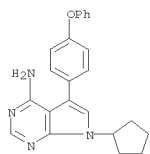
OTHER SOURCE(S): MARPAT 139:292260  
IT 262433-21-6P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic  
preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
(Preparation); RACT (Reactant or reagent); USES (Uses)  
(intermediate; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as  
protein kinase inhibitors)  
RN 262433-21-6 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-  
2-methoxyphenyl]-, 3-pyridinylmethyl ester (9CI) (CA INDEX NAME)



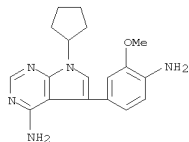
IT 213743-31-8P 262433-03-4P 262433-17-0P  
262433-25-0P 262433-34-1P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(intermediate; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as  
protein kinase inhibitors)

10534427b.trn

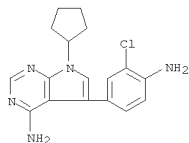
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 213743-31-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-phenoxyphenyl)-  
 (CA INDEX NAME)



RN 262433-03-4 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-cyclopentyl- (CA INDEX NAME)

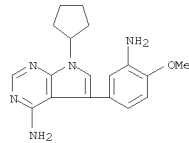


RN 262433-17-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-chlorophenyl)-7-cyclopentyl- (CA INDEX NAME)

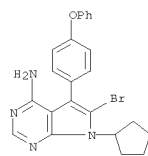


RN 262433-25-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(3-amino-4-methoxyphenyl)-7-

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 cyclopentyl- (CA INDEX NAME)

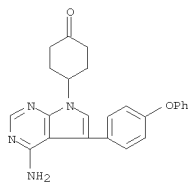


RN 262433-34-1 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-bromo-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

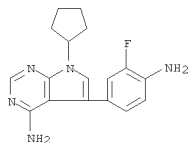


IT 262433-52-3 262433-53-4  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (reactant; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as  
 protein kinase inhibitors)  
 RN 262433-52-3 CAPLUS  
 CN Cyclohexanone,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-  
 (CA INDEX NAME)

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

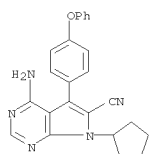


RN 262433-53-4 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-fluorophenyl)-7-cyclopentyl- (CA INDEX NAME)



IT 262431-64-1P  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (target compound; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines

as protein kinase inhibitors)  
 RN 262431-64-1 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidine-6-carbonitrile, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)



L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

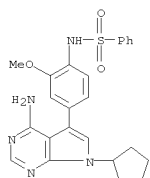
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 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (target compound; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines

as

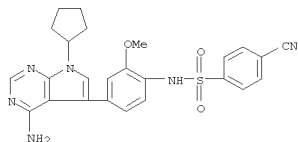
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L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 213743-94-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

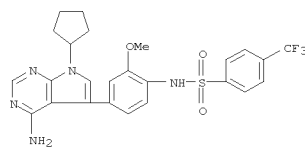


RN 262430-03-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-cyano- (CA INDEX NAME)

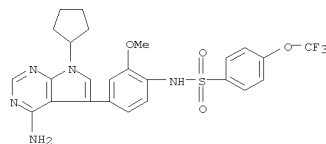


RN 262430-04-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-(trifluoromethyl)- (CA INDEX NAME)

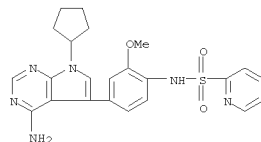
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262430-05-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

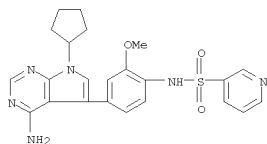


RN 262430-06-8 CAPLUS  
CN 2-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

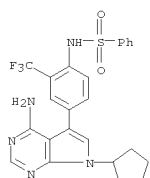


RN 262430-07-9 CAPLUS  
CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

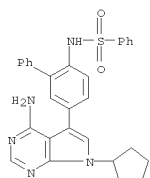
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262430-08-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

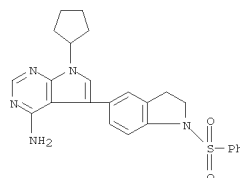


RN 262430-09-1 CAPLUS  
CN Benzenesulfonamide,  
N-[5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)[1,1'-biphenyl]-2-yl]- (CA INDEX NAME)

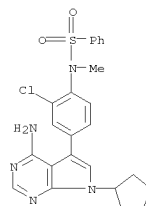


RN 262430-10-4 CAPLUS  
CN 1H-Indole, 5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2,3-dihydro-1-(phenylsulfonyl)- (9CI) (CA INDEX NAME)

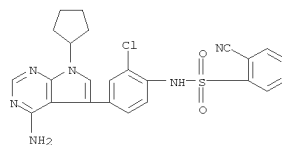
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262430-11-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-N-methyl- (CA INDEX NAME)



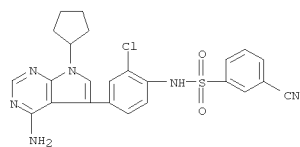
RN 262430-13-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-2-cyano- (CA INDEX NAME)



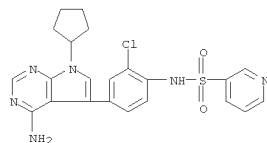
RN 262430-14-8 CAPLUS

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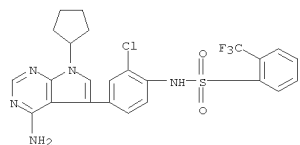
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-3-cyano- (CA INDEX NAME)



RN 262430-15-9 CAPLUS  
 CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]- (CA INDEX NAME)

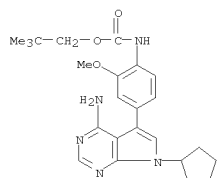


RN 262430-16-0 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-2-(trifluoromethyl)- (CA INDEX NAME)

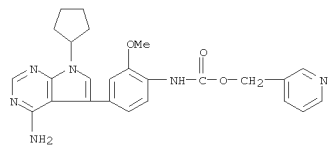


RN 262430-17-1 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

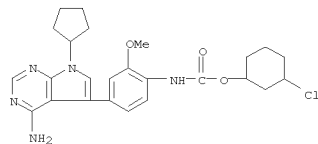


RN 262430-20-6 CAPLUS  
 CN Carbamic acid,  
 [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, 3-pyridinylmethyl ester, hydrochloride (9CI) (CA INDEX NAME)

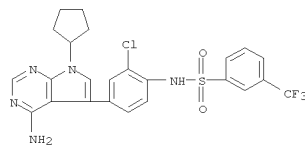


•x HCl

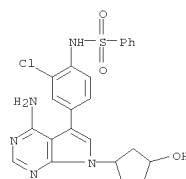
RN 262430-21-7 CAPLUS  
 CN Carbamic acid,  
 [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, 3-chlorocyclohexyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 5-yl)-2-chlorophenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



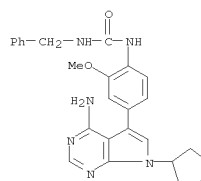
RN 262430-18-2 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-(3-hydroxycyclopentyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]- (CA INDEX NAME)



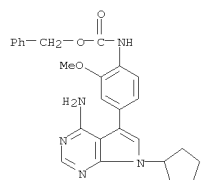
RN 262430-19-3 CAPLUS  
 CN Carbamic acid,  
 [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, 2,2-dimethylpropyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262430-22-8 CAPLUS  
 CN Urea, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-N'-(phenylmethyl)- (CA INDEX NAME)



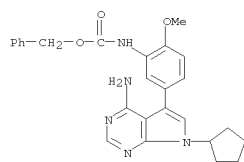
RN 262430-23-9 CAPLUS  
 CN Carbamic acid,  
 [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



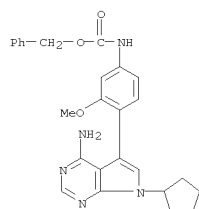
RN 262430-24-0 CAPLUS  
 CN Carbamic acid,  
 [5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

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L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

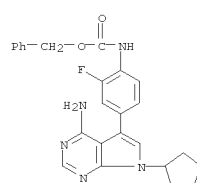


RN 262430-26-2 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-  
3-methoxyphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

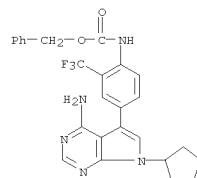


RN 262430-27-3 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-  
2-fluorophenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

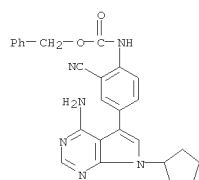


RN 262430-28-4 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-  
2-(trifluoromethyl)phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

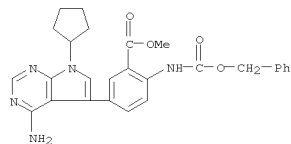


RN 262430-29-5 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-  
2-cyanophenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

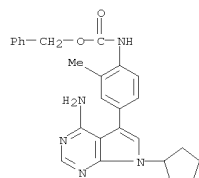
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262430-30-8 CAPLUS  
CN Benzoic acid,  
5-[(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-  
[(phenylmethoxy)carbonylamino]-, methyl ester (CA INDEX NAME)

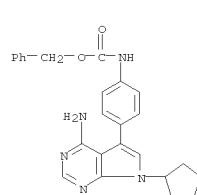


RN 262430-31-9 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-  
2-methylphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

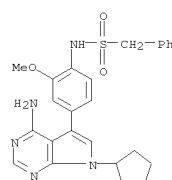


RN 262430-32-0 CAPLUS  
CN Carbamic acid, [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-  
yl)phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

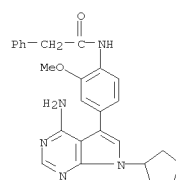
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262430-33-1 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

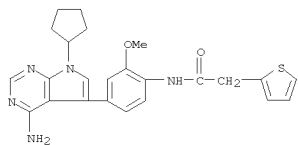


RN 262430-34-2 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-  
yl)-2-methoxyphenyl]- (CA INDEX NAME)

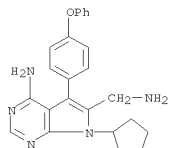


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L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262430-35-3 CAPLUS  
 CN 2-Thiopheneacetamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

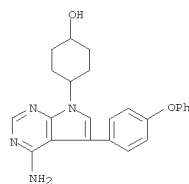


RN 262431-65-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidine-6-methanamine, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

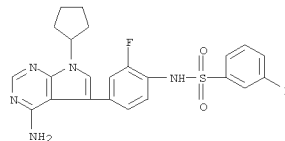


RN 262431-69-6 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

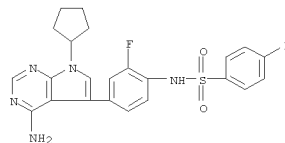
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-70-9 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-fluoro- (CA INDEX NAME)

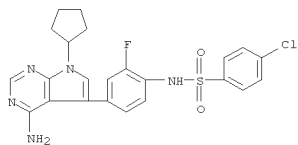


RN 262431-71-0 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)

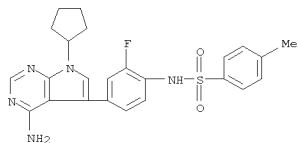


RN 262431-72-1 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-chloro- (CA INDEX NAME)

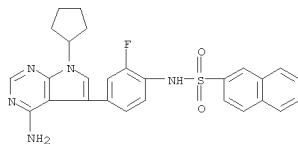
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 5-yl)-2-fluorophenyl]-4-chloro- (CA INDEX NAME)



RN 262431-73-2 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-methyl- (CA INDEX NAME)

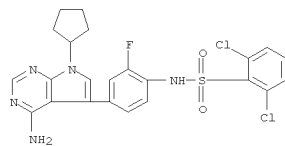


RN 262431-74-3 CAPLUS  
 CN 2-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

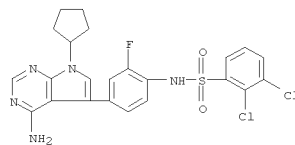


RN 262431-75-4 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,6-dichloro- (CA INDEX NAME)

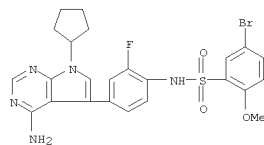
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-76-5 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)

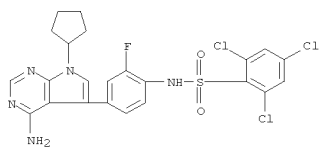


RN 262431-77-6 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-bromo-2-methoxy- (CA INDEX NAME)

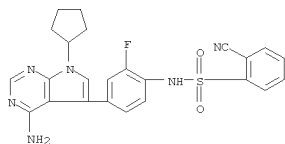


RN 262431-78-7 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4,6-trichloro- (CA INDEX NAME)

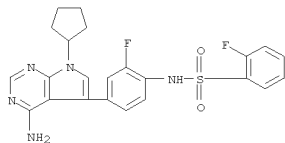
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-79-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-cyano- (CA INDEX NAME)

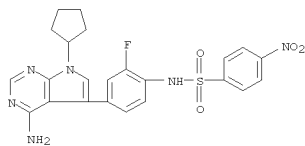


RN 262431-80-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-fluoro- (CA INDEX NAME)

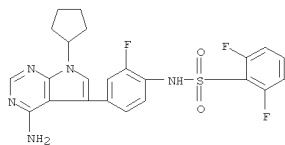


RN 262431-81-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-nitro- (CA INDEX NAME)

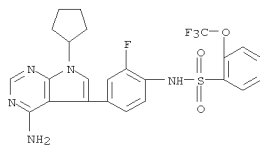
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-85-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,6-difluoro- (CA INDEX NAME)

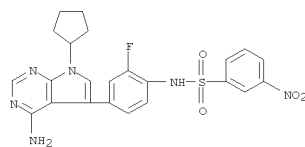


RN 262431-86-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-(trifluoromethoxy)- (CA INDEX NAME)

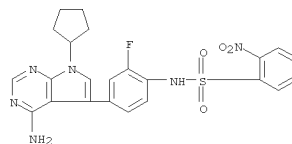


RN 262431-87-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-chloro-3-nitro- (CA INDEX NAME)

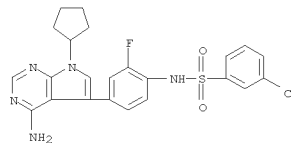
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-82-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-nitro- (CA INDEX NAME)

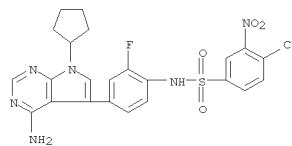


RN 262431-83-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-chloro- (CA INDEX NAME)

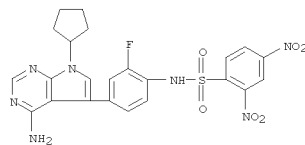


RN 262431-84-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-nitro- (CA INDEX NAME)

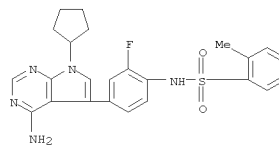
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-88-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-dinitro- (CA INDEX NAME)



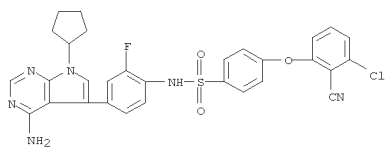
RN 262431-89-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-methyl- (CA INDEX NAME)



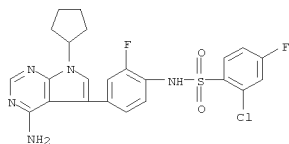
RN 262431-90-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-(3-chloro-2-cyanophenoxy)- (CA INDEX NAME)



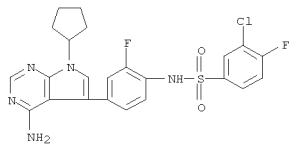
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-91-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-4-fluoro- (CA INDEX NAME)

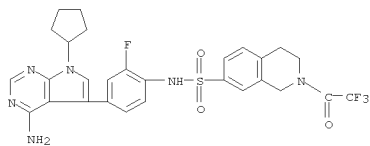


RN 262431-92-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-chloro-4-fluoro- (CA INDEX NAME)

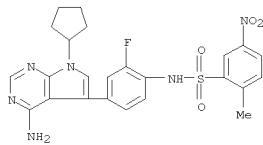


RN 262431-93-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-fluoro-2-methyl- (CA INDEX NAME)

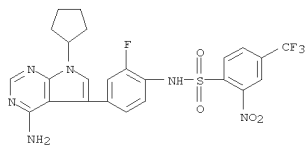
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-98-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-methyl-5-nitro- (CA INDEX NAME)

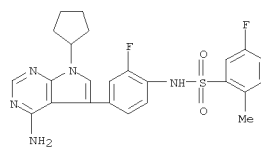


RN 262432-00-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-nitro-4-(trifluoromethyl)- (CA INDEX NAME)

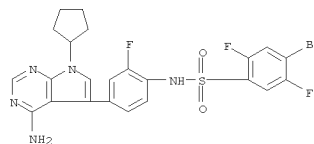


RN 262432-01-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-iodo- (CA INDEX NAME)

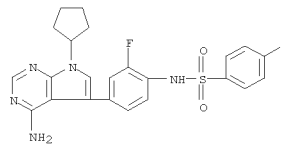
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-94-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2,5-difluoro- (CA INDEX NAME)

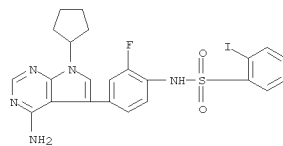


RN 262431-95-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-iodo- (CA INDEX NAME)

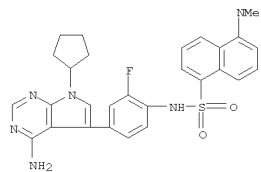


RN 262431-96-9 CAPLUS  
CN 7-Isoquinolinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-1,2,3,4-tetrahydro-2-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

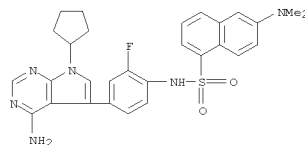
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-02-0 CAPLUS  
CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(dimethylamino)- (CA INDEX NAME)

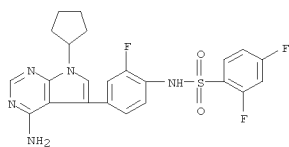


RN 262432-03-1 CAPLUS  
CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-6-(dimethylamino)- (CA INDEX NAME)

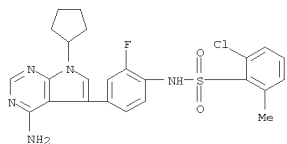


RN 262432-04-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-difluoro- (CA INDEX NAME)

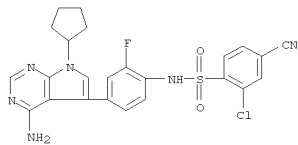
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-05-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-6-methyl- (CA INDEX NAME)

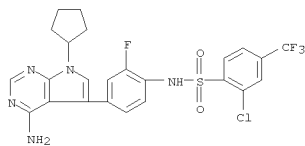


RN 262432-06-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-4-cyano- (CA INDEX NAME)

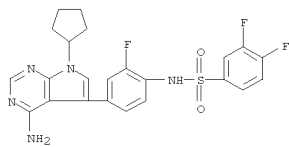


RN 262432-07-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,3,4-trifluoro-5-chloro- (CA INDEX NAME)

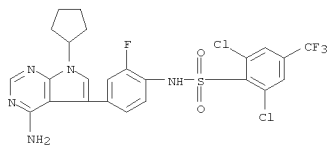
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-11-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,4-difluoro-5-chloro- (CA INDEX NAME)

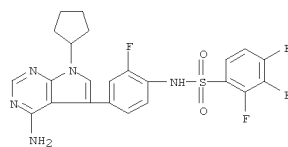


RN 262432-12-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,6-dichloro-4-(trifluoromethyl)- (CA INDEX NAME)

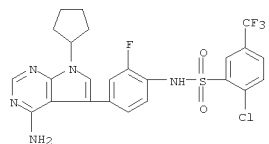


RN 262432-13-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2-methyl- (CA INDEX NAME)

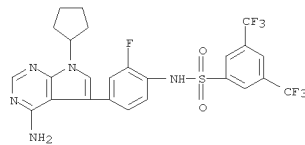
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-08-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-5-(trifluoromethyl)- (CA INDEX NAME)

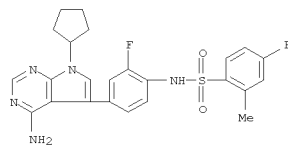


RN 262432-09-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,5-bis(trifluoromethyl)-2-chloro- (CA INDEX NAME)

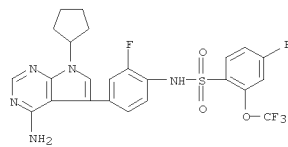


RN 262432-10-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-4-(trifluoromethyl)- (CA INDEX NAME)

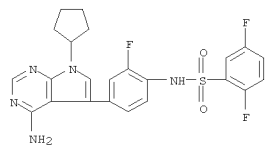
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-14-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2-(trifluoromethoxy)- (CA INDEX NAME)

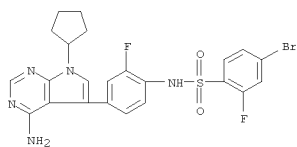


RN 262432-15-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,5-difluoro-4-bromo- (CA INDEX NAME)

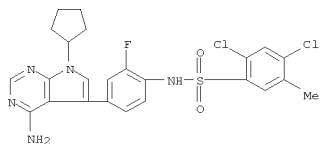


RN 262432-16-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2-fluoro- (CA INDEX NAME)

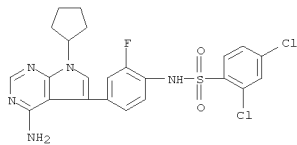
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-17-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-dichloro-5-methyl- (CA INDEX NAME)

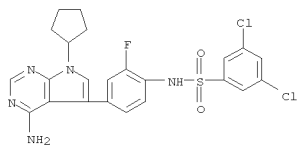


RN 262432-18-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-dichloro- (CA INDEX NAME)

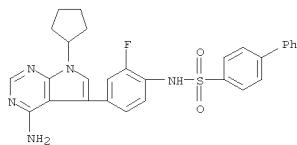


RN 262432-19-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,3,4-trichloro- (CA INDEX NAME)

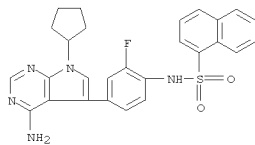
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-23-5 CAPLUS  
CN [1,1'-Biphenyl]-4-sulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

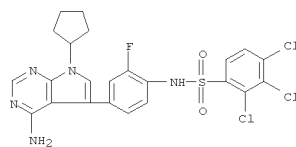


RN 262432-24-6 CAPLUS  
CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

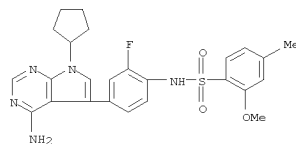


RN 262432-25-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-bromo- (CA INDEX NAME)

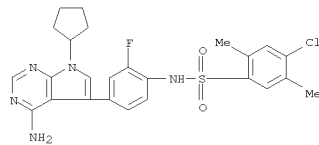
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-20-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-methoxy-4-methyl- (CA INDEX NAME)

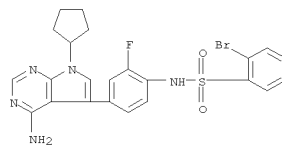


RN 262432-21-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-chloro-2,5-dimethyl- (CA INDEX NAME)

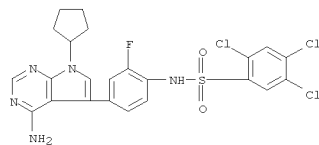


RN 262432-22-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,5-dichloro- (CA INDEX NAME)

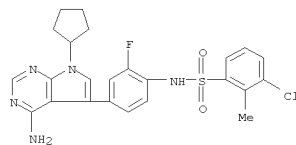
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-26-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4,5-trichloro- (CA INDEX NAME)

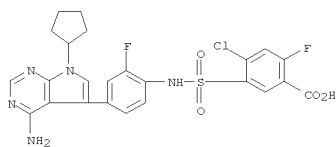


RN 262432-27-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-chloro-2-methyl- (CA INDEX NAME)

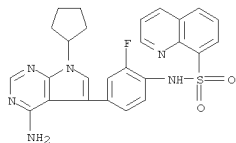


RN 262432-28-0 CAPLUS  
CN Benzoic acid, 5-[[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-4-chloro-2-fluoro- (CA INDEX NAME)

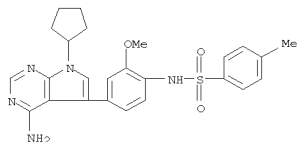
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-29-1 CAPLUS  
 CN 8-Quinolinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

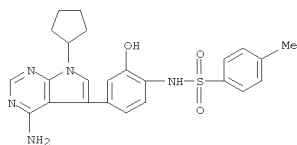


RN 262432-30-4 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-methyl- (CA INDEX NAME)

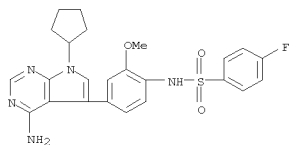


RN 262432-31-5 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-methoxy- (CA INDEX NAME)

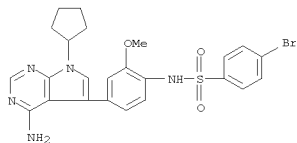
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-35-9 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-fluoro- (CA INDEX NAME)

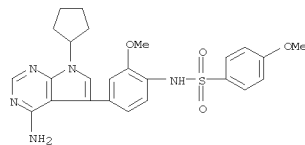


RN 262432-36-0 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-bromo- (CA INDEX NAME)

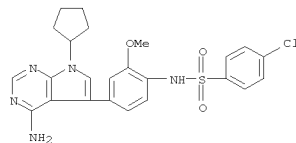


RN 262432-37-1 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-nitro- (CA INDEX NAME)

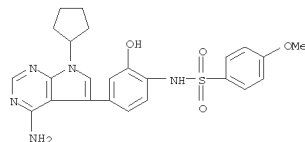
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-32-6 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-chloro- (CA INDEX NAME)

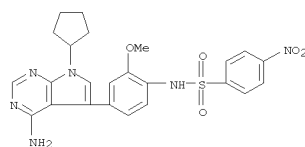


RN 262432-33-7 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]-4-methoxy- (CA INDEX NAME)

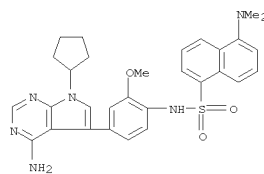


RN 262432-34-8 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]-4-methyl- (CA INDEX NAME)

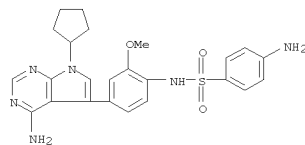
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-38-2 CAPLUS  
 CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-5- (dimethylamino)- (CA INDEX NAME)



RN 262432-39-3 CAPLUS  
 CN Benzenesulfonamide, 4-amino-N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

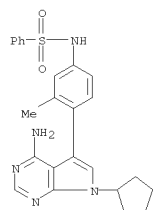


RN 262432-40-6 CAPLUS  
 CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

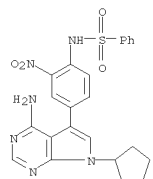


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L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

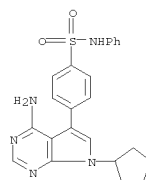


RN 262432-53-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-nitrophenyl]- (CA INDEX NAME)

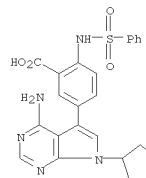


RN 262432-54-2 CAPLUS  
CN Benzenesulfonamide,  
4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-N-phenyl- (CA INDEX NAME)

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

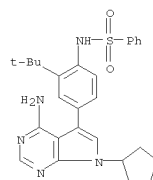


RN 262432-55-3 CAPLUS  
CN Benzoic acid,  
5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[(phenylsulfonyl)amino]- (CA INDEX NAME)

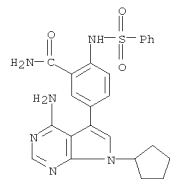


RN 262432-56-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-(1,1-dimethylethyl)phenyl]- (CA INDEX NAME)

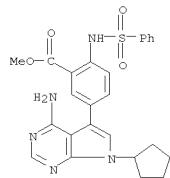
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-57-5 CAPLUS  
CN Benzanide, 5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[(phenylsulfonyl)amino]- (CA INDEX NAME)

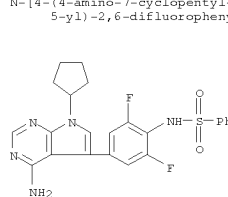


RN 262432-58-6 CAPLUS  
CN Benzoic acid,  
5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[(phenylsulfonyl)amino]-, methyl ester (CA INDEX NAME)

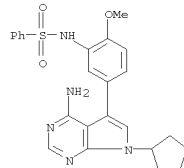


RN 262432-59-7 CAPLUS

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



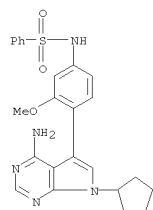
RN 262432-60-0 CAPLUS  
CN Benzenesulfonamide,  
N-[5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)



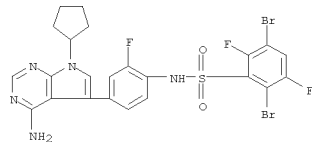
RN 262432-61-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-3-methoxyphenyl]- (CA INDEX NAME)

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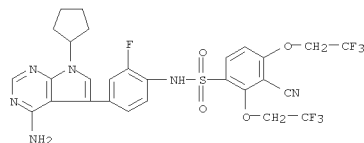
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



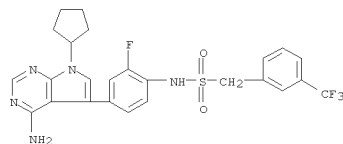
RN 262432-62-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2,5-dibromo-3,6-difluoro- (CA INDEX NAME)



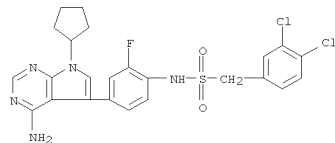
RN 262432-63-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-3-cyano-2,4-bis(2,2,2-trifluoroethoxy)- (CA INDEX NAME)



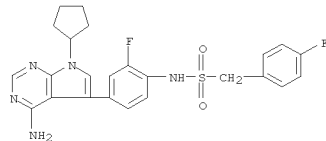
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-68-8 CAPLUS  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,4-dichloro- (CA INDEX NAME)



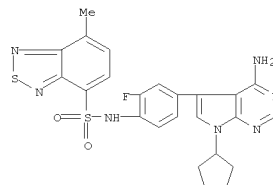
RN 262432-69-9 CAPLUS  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)



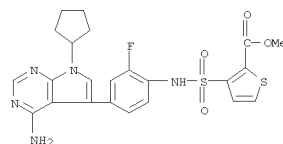
RN 262432-70-2 CAPLUS  
CN 1H-Imidazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-1-methyl- (CA INDEX NAME)

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262432-65-5 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-7-methyl- (CA INDEX NAME)

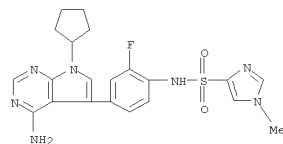


RN 262432-66-6 CAPLUS  
CN 2-Thiophenecarboxylic acid, 3-[[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-, methyl ester (CA INDEX NAME)

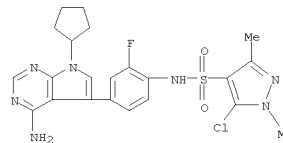


RN 262432-67-7 CAPLUS  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-(trifluoromethyl)- (CA INDEX NAME)

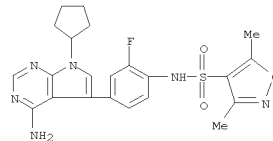
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-71-3 CAPLUS  
CN 1H-Pyrazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-chloro-1,3-dimethyl- (CA INDEX NAME)



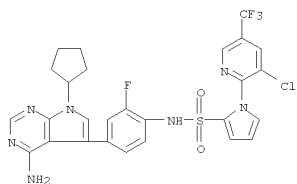
RN 262432-72-4 CAPLUS  
CN 4-Isoxazolesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,5-dimethyl- (CA INDEX NAME)



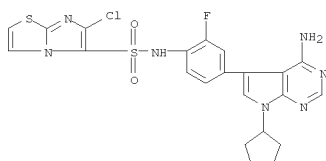
RN 262432-73-5 CAPLUS  
CN 1H-Pyrazole-2-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-1-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)

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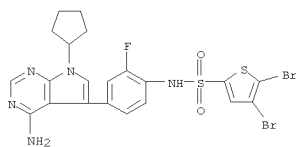
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-74-6 CAPLUS  
CN Imidazo[2,1-b]thiazole-5-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-6-chloro- (CA INDEX NAME)

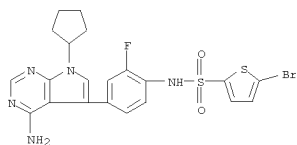


RN 262432-75-7 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4,5-dibromo- (CA INDEX NAME)

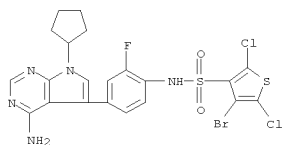


RN 262432-76-8 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(2-pyridinyl)- (CA INDEX NAME)

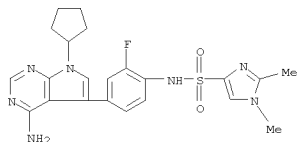
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-80-4 CAPLUS  
CN 3-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2,5-dichloro- (CA INDEX NAME)

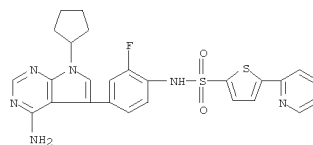


RN 262432-81-5 CAPLUS  
CN 1H-Imidazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-1,2-dimethyl- (CA INDEX NAME)

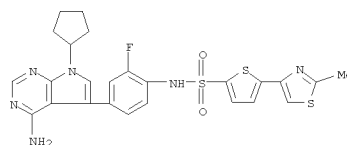


RN 262432-82-6 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-bromo-5-chloro- (CA INDEX NAME)

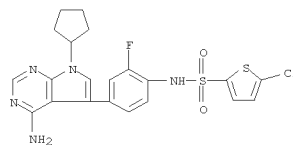
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



FN 262432-77-9 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(2-methyl-4-thiazolyl)- (CA INDEX NAME)

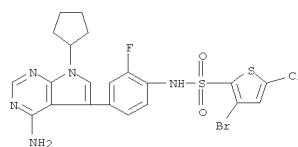


RN 262432-78-0 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-chloro- (CA INDEX NAME)

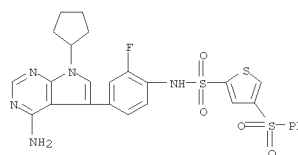


RN 262432-79-1 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-bromo- (CA INDEX NAME)

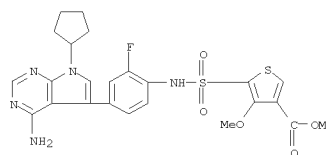
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-83-7 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-(phenylsulfonyl)- (CA INDEX NAME)



RN 262432-84-8 CAPLUS  
CN 3-Thiophenecarboxylic acid, 5-[[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-4-methoxy-, methyl ester (CA INDEX NAME)

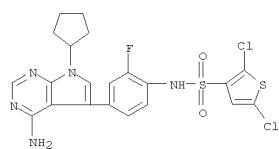


RN 262432-85-9 CAPLUS  
CN 3-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,5-dichloro- (CA INDEX NAME)

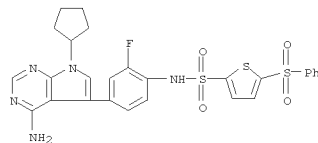


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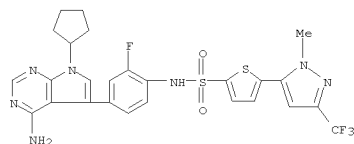
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-86-0 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(phenylsulfonyl)- (CA INDEX NAME)

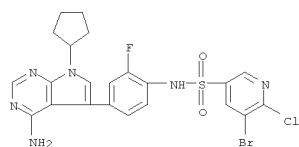


RN 262432-87-1 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]- (CA INDEX NAME)

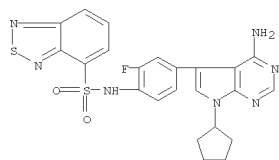


RN 262432-88-2 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-[1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl]- (CA INDEX NAME)

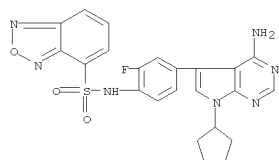
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-92-8 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

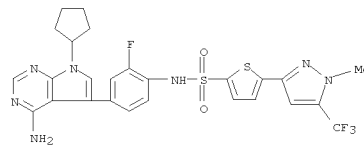


RN 262432-93-9 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

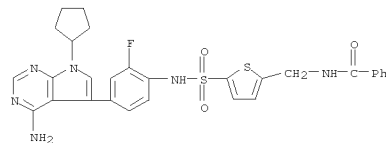


RN 262432-94-0 CAPLUS  
CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

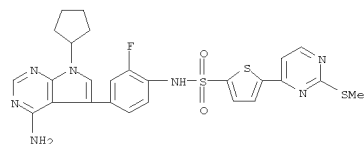
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-89-3 CAPLUS  
CN Benzamide, N-[[5-[[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

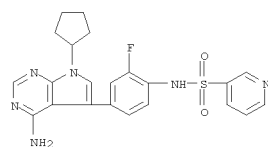


RN 262432-90-6 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-[2-(methylthio)-4-pyrimidinyl]- (CA INDEX NAME)

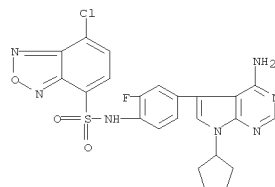


RN 262432-91-7 CAPLUS  
CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-bromo-6-chloro- (CA INDEX NAME)

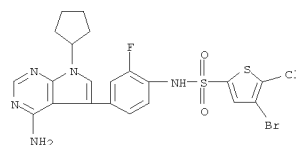
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-95-1 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-7-chloro- (CA INDEX NAME)



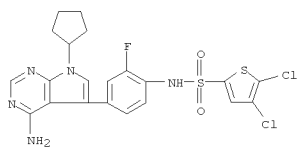
RN 262432-96-2 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-5-chloro- (CA INDEX NAME)



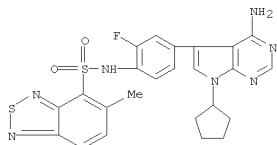
RN 262432-97-3 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4,5-dichloro- (CA INDEX NAME)

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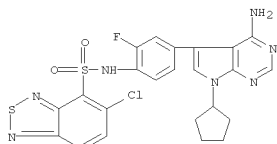
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-98-4 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-methyl- (CA INDEX NAME)



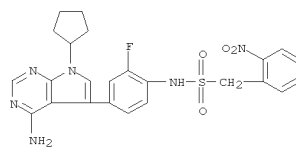
RN 262432-99-5 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-chloro- (CA INDEX NAME)



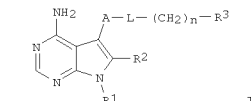
RN 262433-00-1 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-nitro- (CA INDEX NAME)

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)  
phenylalkyl; R2 = H, halo, OH, CN, (un)substituted alph., cycloalkyl, (hetero)arom., (hetero)aralkyl, amino, or amido; R3 = (un)substituted alph., alkenyl, (hetero)cycloalkyl, or (hetero)arom.; n = 0-6], and physiol. acceptable salts and metabolites thereof, were prepd. For example, II was prepd. in a 6-step sequence involving: (1) amine protection of 4-bromo-2-methoxyaniline with di-tert-Bu dicarbonate, (2) 4-addn. of diboron pinacol ester, (3) 4-substitution with 4-chloro-7-cyclopentyl-5-iodo-7H-pyrrolo[2,3-d]pyrimidine, (4) deprotection of the amine with F3CCOOH, (5) 4-amination of the cyclopyrrolypyrimidine, and (6) amidation of the amine with 4-aryloxybenzenesulfonyl chloride. I inhibit serine/threonine and tyrosine kinase activity, affecting immunol., hyperproliferative, and angiogenic processes. I also inhibit the growth of tumor cells induced either by GFGR, PDGFR, KDR, Tie-2, Lck, Fyn, Btk, Lyn, or Src at concns. of  $\leq 50$  nM, and some significantly inhibited cdc2 at concns. of  $\leq 50$  nM. Thus, these compds. are useful in the treatment of cancer and hyperproliferative disorders, rheumatoid arthritis, disorders of the immune system, transplant rejections, and inflammatory disorders.

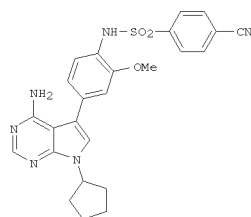
L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



GI



T



II

AB 7H-Pyrrolo[2,3-d]pyrimidin-4-amines I; A = (un)substituted 6-membered aromatic ring or 5- or 6-membered heteroarom. ring; L = RbNR2SO2, RbNRfR (O), or RbNRf (O), where Rb = alkylene group which when taken together with the substituents, forms an amide or phosphonamide group to which it is bound forms a 5- or 6-membered ring fused to ring A, L = O, S, NR, 5-7 membered (oxa)azaphosphaoarom. or (oxa)azaphosphacycloalkyl ring, or a variety of linkers containing functional groups; R = H, acyl, or (un)substituted alkyl; Rf = (un)substituted phenyl, 2-phenyl, 2-Ph-1,3-dioxan-5-yl or (un)substituted (cyclo)alkyl, cycloalkenyl, or

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2003:633320 CAPLUS  
DOCUMENT NUMBER: 139:180075  
TITLE: Preparation of pyrrolopyrimidines as tyrosine kinase  
inhibitors  
INVENTOR(S): Hirst, Gavin C.; Calderwood, David; Munschauer,  
Rainer; Arnold, Lee D.; Johnston, David N.; Rafferty,  
Paul  
PATENT ASSIGNEE(S): Abbott GmbH & Co. KG, USA  
SOURCE: U.S. Pat. Appl. Publ., 166 pp., Cont.-in-part of  
Appl. No. PCT/US99/21560.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003153752	A1	20030814	US 2000-537167	200008329
US 6713474	B2	20040330		
WO 2001017203	A1	200000330	WO 1999-0521560	19990917
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BF, BY, CA, CH, CN, CR, CU, CZ, DE, DK, EE, ES, FI, GB, GR, GU, HK, HR, HU, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MM, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LE, MM, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MK, NE, NG, TD, TG			
ZA 200100220	A	20020318	ZA 2001-020	20010316
PRIORITY APPLN. INFO.:			US 1998-100832P	P 19980918
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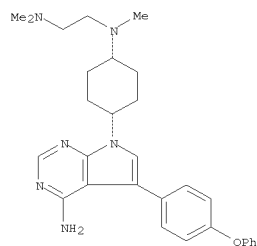
OTHER SOURCE(S): MRRPAT 139:180075  
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262444-23-5P 262444-24-6P 262444-27-9P  
262444-28-0P 262444-34-8P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
Intermediate; preparation of pyrrolopyrimidinamines as protein kinase inhibitors

RN 262441-65-6 CAPLUS  
CN 1,2-Ethanediamine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.

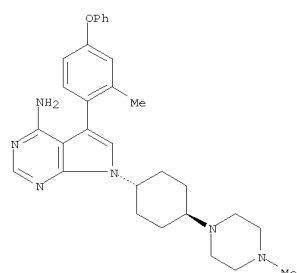
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-06-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(2-methyl-4-phenoxyphenyl)-7-[(trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl)]- (CA INDEX NAME)

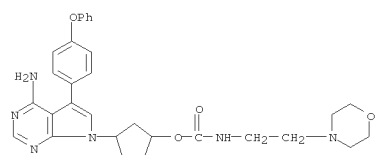
Relative stereochemistry.



RN 262443-85-6 CAPLUS  
CN 1,2-Ethanediamine,  
N-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

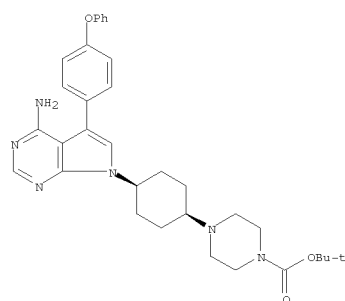
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-27-9 CAPLUS  
CN 1-Piperazinecarboxylic acid, 4-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-  
pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA  
INDEX NAME)

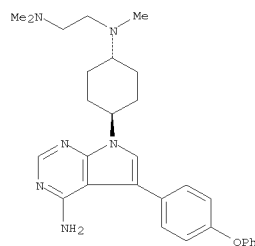
Relative stereochemistry.



RN 262444-28-0 CAPLUS  
CN 1-Piperazinecarboxylic acid, 4-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-  
pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA  
INDEX NAME)

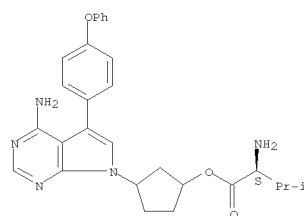
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



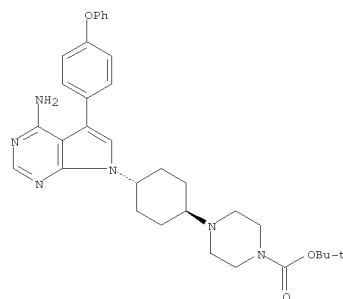
RN 262444-23-5 CAPLUS  
CN L-Valine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
yl]cyclopentyl ester (CA INDEX NAME)

Absolute stereochemistry.

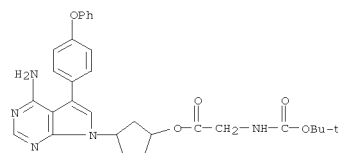


RN 262444-24-6 CAPLUS  
CN Carbamic acid, [2-(4-morpholinyl)ethyl]-, 3-[4-amino-5-(4-phenoxyphenyl)-  
7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



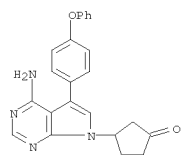
RN 262444-34-8 CAPLUS  
CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-,  
3-[4-amino-5-(4-phenoxyphenyl)-  
7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (CA INDEX NAME)



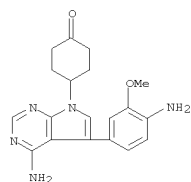
IT 262444-29-1P 262444-50-8P 262444-51-9P  
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364355-30-6P 364355-31-7P 364355-36-2P  
364355-42-0P 364355-99-7P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(intermediate; preparation of pyrrolopyrimidinamines as protein kinase  
inhibitors)  
RN 262444-29-1 CAPLUS  
CN Cyclopentanone,  
3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-  
7-yl]- (CA INDEX NAME)

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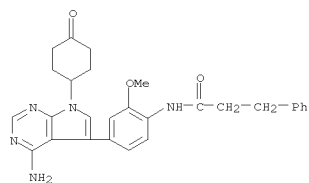
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



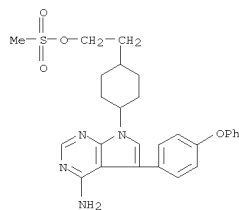
RN 262444-50-8 CAPLUS  
CN Cyclohexanone, 4-[4-amino-5-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 262444-51-9 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

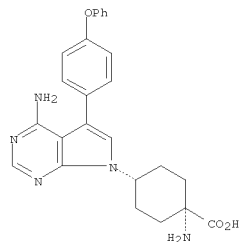


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-30-6 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxycyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

Relative stereochemistry.

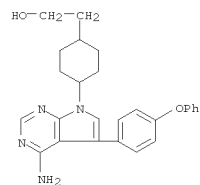


RN 364355-31-7 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxycyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, methyl ester, cis- (CA INDEX NAME)

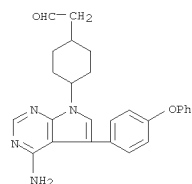
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 364354-37-0 CAPLUS  
CN Cyclohexaneethanol, 4-[4-amino-5-(4-phenoxycyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

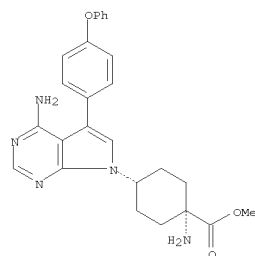


RN 364354-38-1 CAPLUS  
CN Cyclohexaneacetaldehyde, 4-[4-amino-5-(4-phenoxycyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

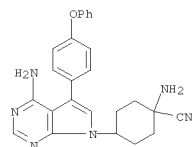


RN 364354-50-7 CAPLUS  
CN Cyclohexaneethanol, 4-[4-amino-5-(4-phenoxycyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, methanesulfonate (ester) (9CI) (CA INDEX NAME)

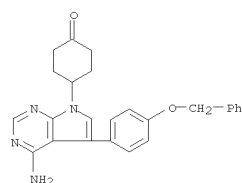
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



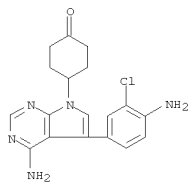
RN 364355-36-2 CAPLUS  
CN Cyclohexanecarbonitrile, 1-amino-4-[4-amino-5-(4-phenoxycyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 364355-42-0 CAPLUS  
CN Cyclohexanone, 4-[4-amino-5-(4-phenoxycyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 364355-99-7 CAPLUS  
 CN Cyclohexanone, 4-[4-amino-5-(4-amino-3-chlorophenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

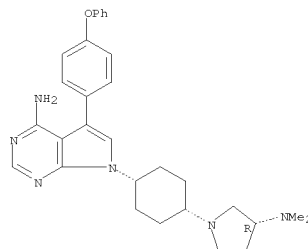


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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 ammoniocyclohexylmethanol acetate 364355-33-9P  
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 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrrolopyrimidinamines as protein kinase inhibitors)  
 RN 262442-50-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

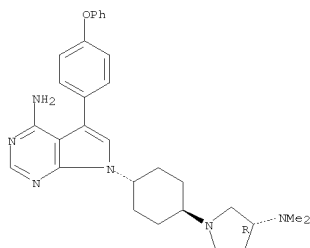
Absolute stereochemistry.



RN 262442-56-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

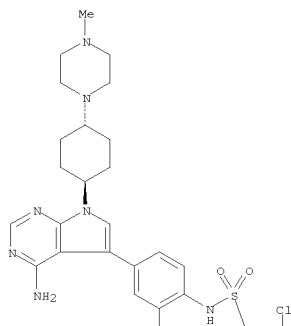
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-90-0 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)

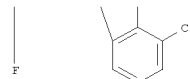
Relative stereochemistry.

PAGE 1-A



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

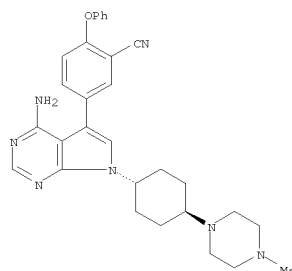
PAGE 2-A



RN 364353-91-3 CAPLUS  
 CN Benzonitrile,  
 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy-, diacetate (9CI) (CA INDEX NAME)

CM 1  
 CRN 364353-90-2  
 CMF C30 H33 N7 O

Relative stereochemistry.



CM 2  
 CRN 64-19-7  
 CMF C2 H4 O2

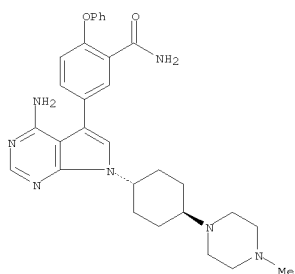


RN 364353-94-6 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy- (CA INDEX NAME)

Relative stereochemistry.



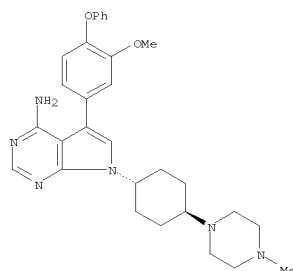
RN 364353-96-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-methoxy-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]-, diacetate (9CI) (CA INDEX NAME)

CM 1

CRN 364353-95-7  
CMF C30 H36 N6 O2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

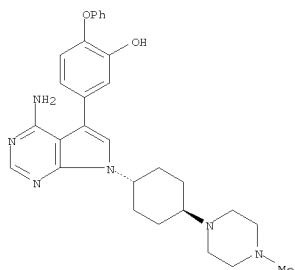
CRN 64-19-7  
CMF C2 H4 O2



RN 364354-00-7 CAPLUS  
CN Phenol, 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy- (CA INDEX NAME)

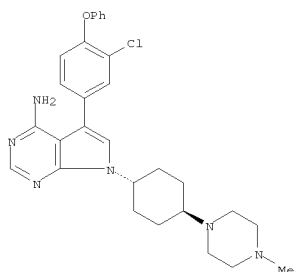
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-01-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-chloro-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



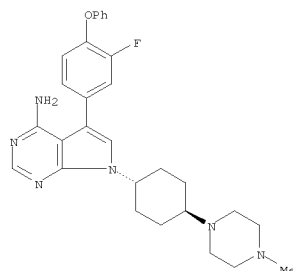
RN 364354-05-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-fluoro-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]-, diacetate (9CI) (CA INDEX NAME)

CM 1

CRN 364354-04-1

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CMF C29 H33 F N6 O

Relative stereochemistry.



CM 2

CRN 64-19-7  
CMF C2 H4 O2

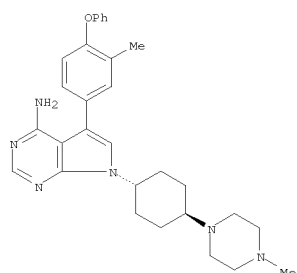


RN 364354-08-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-methyl-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

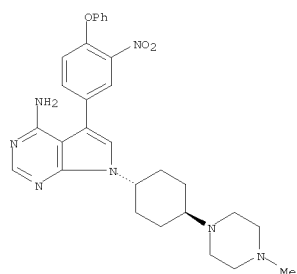


RN 364354-14-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-5-(3-nitro-4-phenoxyphenyl)-, monoacetate (9CI) (CA INDEX NAME)

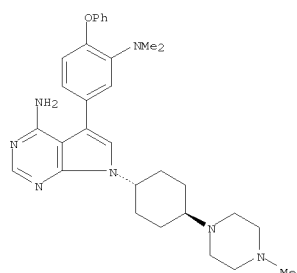
CM 1

CRN 364354-13-2  
CMF C29 H33 N7 O3

Relative stereochemistry.



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

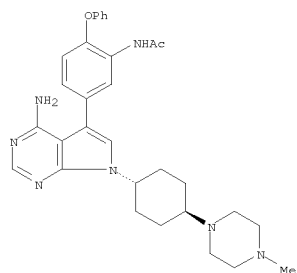


RN 364354-19-8 CAPLUS  
CN Acetamide,  
N-[5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxyphenyl]-, monoacetate (9CI) (CA INDEX NAME)

CM 1

CRN 364354-18-7  
CMF C31 H37 N7 O2

Relative stereochemistry.



CM 2

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

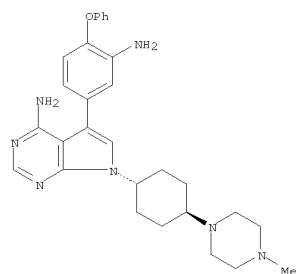
CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 364354-16-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-amino-4-phenoxyphenyl)-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



RN 364354-17-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[3-(dimethylamino)-4-phenoxyphenyl]-  
7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 64-19-7  
CMF C2 H4 O2

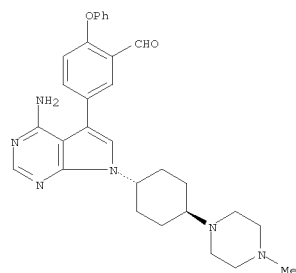


RN 364354-21-2 CAPLUS  
CN Benzaldehyde,  
5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 364354-20-1  
CMF C30 H34 N6 O2

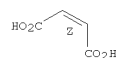
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



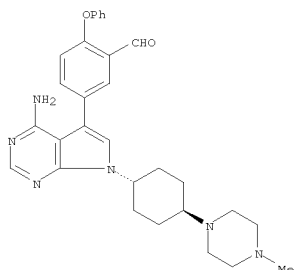
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 364354-26-7 CAPLUS  
 CN Benzaldehyde,  
 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
 pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy-, diacetate (9CI) (CA INDEX  
 NAME)

CM 1

CRN 364354-20-1  
 CMF C30 H34 N6 O2

Relative stereochemistry.



CM 2

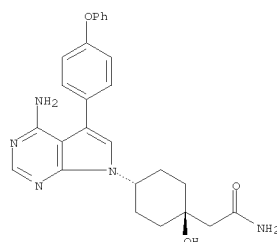
CRN 64-19-7  
 CMF C2 H4 O2



RN 364354-27-8 CAPLUS  
 CN Cyclohexanecetamide, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

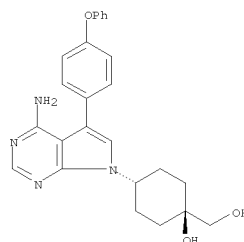
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-28-9 CAPLUS  
 CN Cyclohexanemethanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

Relative stereochemistry.

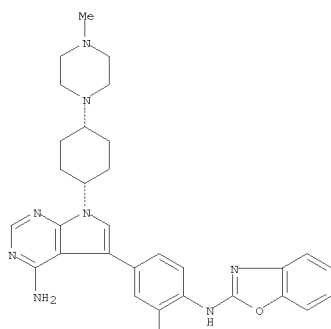


RN 364354-32-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-(2-benzoxazolylamino)-3-  
 fluorophenyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX  
 NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

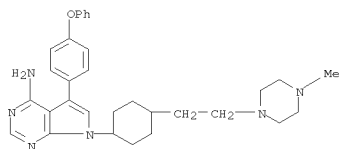
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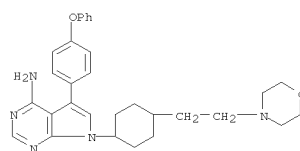
F

RN 364354-36-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(4-methyl-1-  
 piperazinyl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

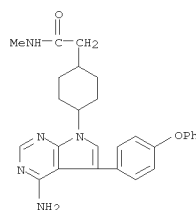


RN 364354-39-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(4-  
 morpholinyl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

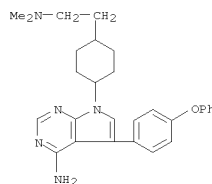
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-40-5 CAPLUS  
 CN Cyclohexanecetamide, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)



RN 364354-41-6 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 7-[4-[2-(dimethylamino)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

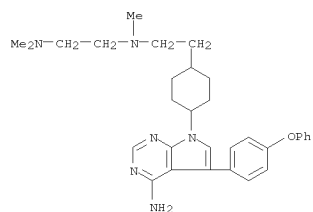


RN 364354-42-7 CAPLUS  
 CN 1,2-Ethanediamine, N-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-

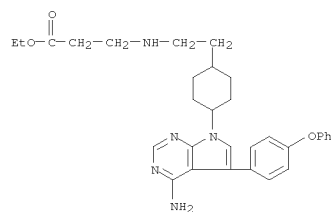


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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
d]pyrimidin-7-yl]cyclohexyl]ethyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

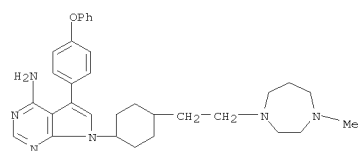


RN 364354-43-8 CAPLUS  
CN  $\beta$ -Alanine, N-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]ethyl]-, ethyl ester (CA INDEX NAME)

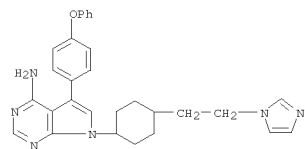


RN 364354-44-9 CAPLUS  
CN 1-Piperazinecarboxylic acid, 4-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]ethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



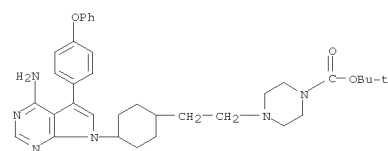
RN 364354-48-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-[(1H-imidazol-1-yl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)



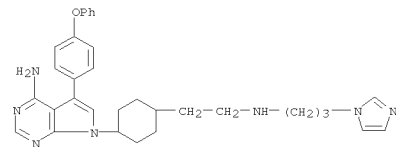
RN 364354-51-8 CAPLUS  
CN Cyclopropanecarboxamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenyl- (CA INDEX NAME)

Relative stereochemistry.

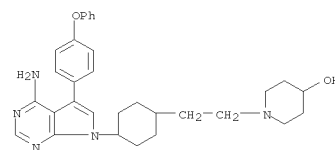
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-45-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-[3-[(1H-imidazol-1-yl)propyl]amino]ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)



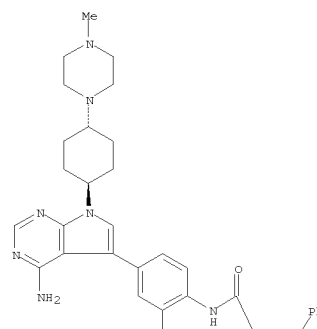
RN 364354-46-1 CAPLUS  
CN 4-Piperidinol, 1-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]ethyl]- (CA INDEX NAME)



RN 364354-47-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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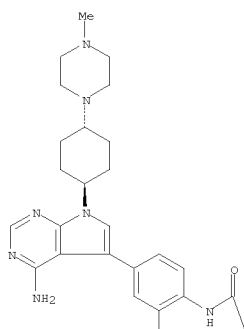


RN 364354-52-9 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(dimethylamino)- (CA INDEX NAME)

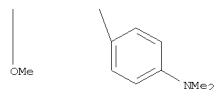
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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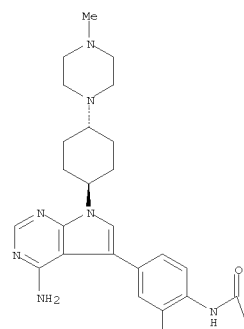


RN 364354-53-0 CAPLUS  
 CN Benzamide,  
 N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA  
 INDEX NAME)

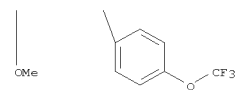
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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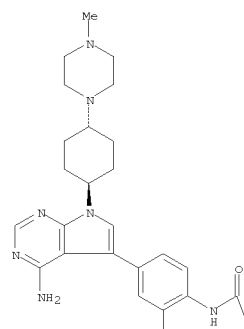


RN 364354-54-1 CAPLUS  
 CN Benzamide,  
 N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethyl)- (CA  
 INDEX NAME)

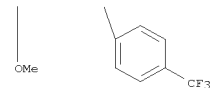
Relative stereochemistry.

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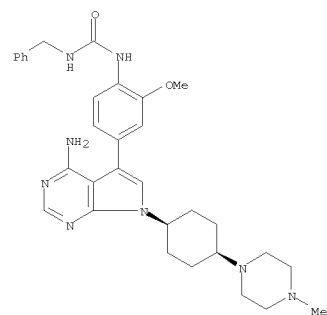
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RN 364354-55-2 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-N'-(phenylmethyl)- (CA  
 INDEX NAME)

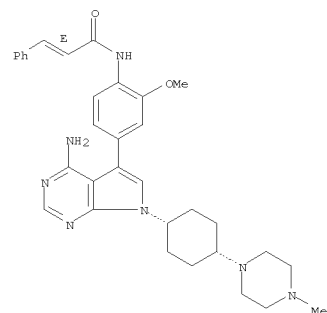
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-56-3 CAPLUS  
 CN 2-Propenamide,  
 N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-phenyl-, (2E)- (CA  
 INDEX NAME)

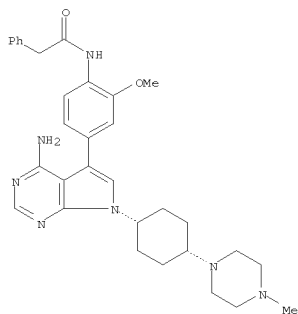
Relative stereochemistry.  
 Double bond geometry as shown.



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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 364354-57-4 CAPLUS  
 CN Benzeneacetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-  
 (CA INDEX NAME)

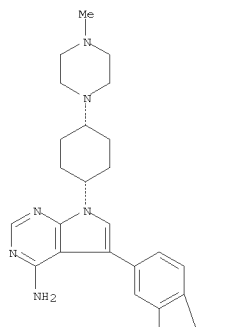
Relative stereochemistry.



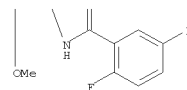
RN 364354-59-6 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,5-difluoro- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
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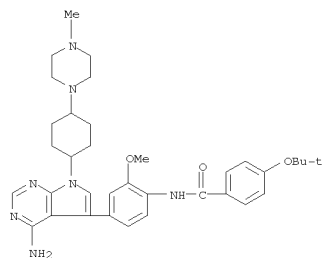


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RN 364354-60-9 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(1,1-dimethylethoxy)- (CA INDEX NAME)

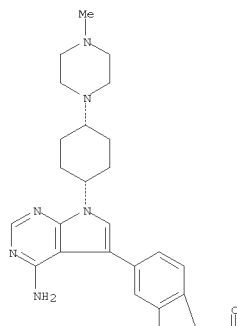
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-61-0 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-fluoro- (CA INDEX NAME)

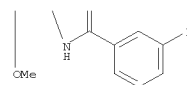
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

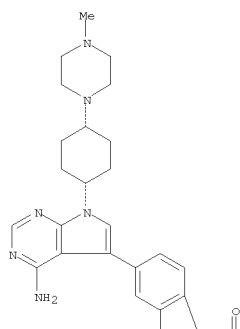
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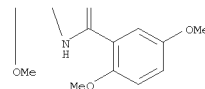
RN 364354-62-1 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,5-dimethoxy- (CA INDEX NAME)

Relative stereochemistry.

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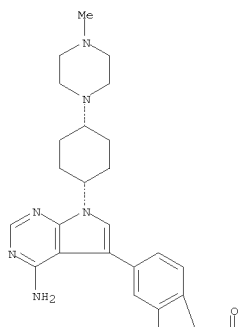
RN 364354-63-2 CAPLUS  
 CN 1,3-Benzodioxole-5-carboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-

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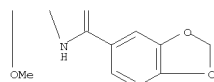
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(CA INDEX NAME)

Relative stereochemistry.

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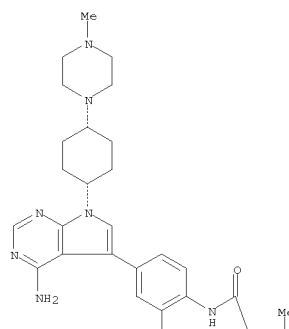


RN 364354-64-3 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dimethyl- (CA INDEX NAME)

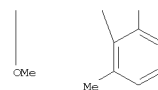
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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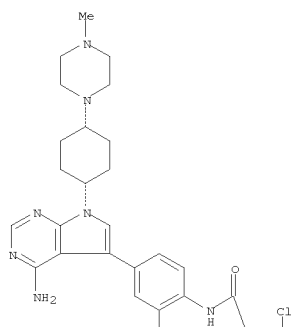


RN 364354-65-4 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-4-fluoro- (CA INDEX NAME)

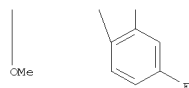
Relative stereochemistry.

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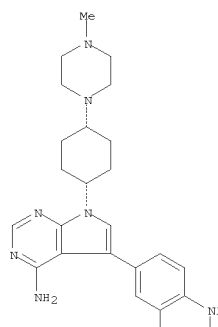


RN 364354-66-5 CAPLUS  
CN 2,1,3-Benzoxadiazole-5-carboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

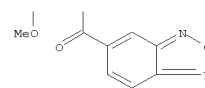
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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PAGE 2-A

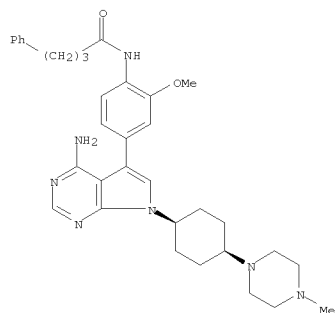


RN 364354-68-7 CAPLUS  
CN Benzenebutanamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

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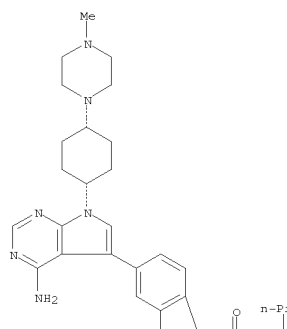
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



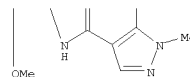
RN 364354-69-8 CAPLUS  
CN 1H-Pyrazole-4-carboxamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-1-methyl-5-propyl- (CA INDEX NAME)  
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A

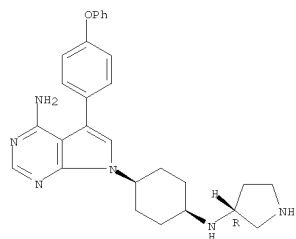


PAGE 2-A

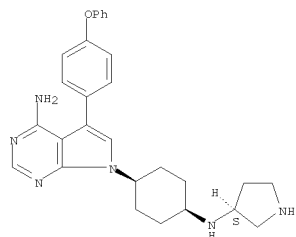


RN 364354-70-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(cis-4-[(3R)-3-pyrrolidinylamino]cyclohexyl)- (CA INDEX NAME)  
Absolute stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

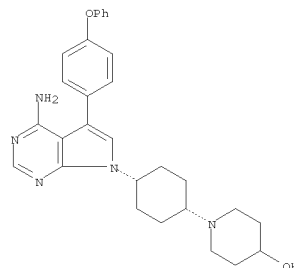


RN 364354-71-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(cis-4-[(3S)-3-pyrrolidinylamino]cyclohexyl)- (CA INDEX NAME)  
Absolute stereochemistry.



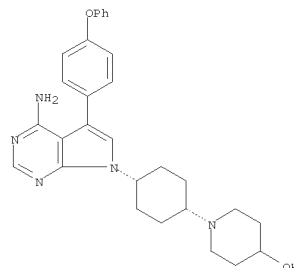
RN 364354-72-3 CAPLUS  
CN 4-Piperidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)  
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-73-4 CAPLUS  
CN 4-Piperidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI)  
(CA INDEX NAME)

CM 1  
CRN 364354-72-3  
CMF C29 H33 N5 O2  
Relative stereochemistry.



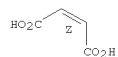
CM 2

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

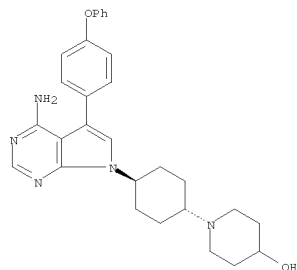
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 364354-74-5 CAPLUS  
CN 4-Piperidinol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



RN 364354-75-6 CAPLUS  
CN 4-Piperidinol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI)

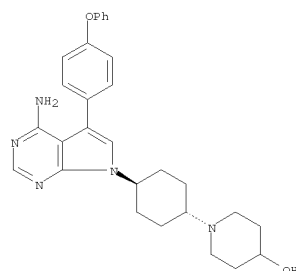
(CA INDEX NAME)

CM 1

CRN 364354-74-5  
CMF C29 H33 N5 O2

Relative stereochemistry.

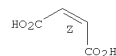
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

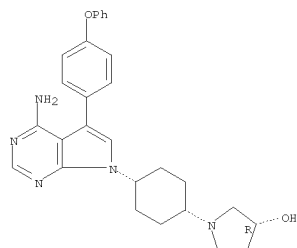
Double bond geometry as shown.



RN 364354-80-3 CAPLUS  
CN 3-Pyrrolidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

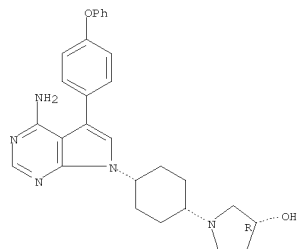


RN 364354-81-4 CAPLUS  
CN 3-Pyrrolidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (3R)-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 364354-80-3  
CMF C28 H31 N5 O2

Absolute stereochemistry.

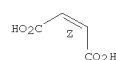


CM 2

CRN 110-16-7  
CMF C4 H4 O4

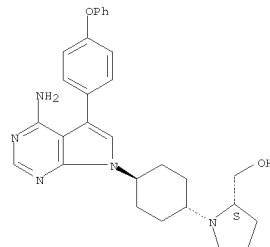
Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-85-8 CAPLUS  
CN 2-Pyrrolidinemethanol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 364354-86-9 CAPLUS  
CN 2-Pyrrolidinemethanol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2S)-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

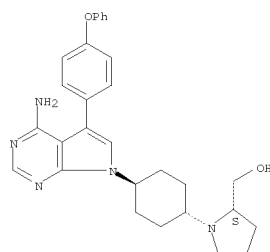
CM 1

CRN 364354-85-8  
CMF C29 H33 N5 O2

Absolute stereochemistry.

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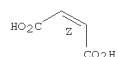
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



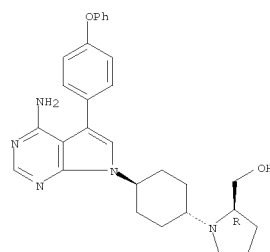
RN 364354-90-5 CAPLUS  
CN 2-Pyrrolidinemethanol, 1-(trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl)-, (2R)-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 364354-89-2  
CMF C29 H33 N5 O2

Absolute stereochemistry.

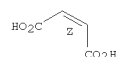
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

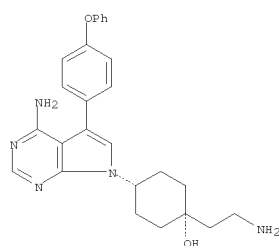
Double bond geometry as shown.



RN 364354-94-9 CAPLUS  
CN Cyclohexanol, 1-(2-aminoethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

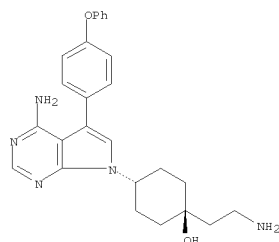
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-95-0 CAPLUS  
CN Cyclohexanol, 1-(2-aminoethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans- (CA INDEX NAME)

Relative stereochemistry.



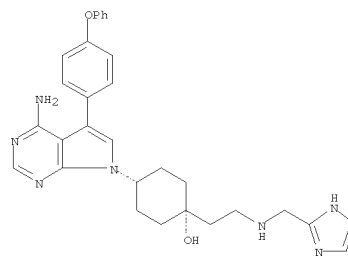
RN 364354-97-2 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[2-[(1H-imidazol-2-ylmethyl)amino]ethyl]-, cis-, diacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 364354-96-1  
CMF C30 H33 N7 O2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



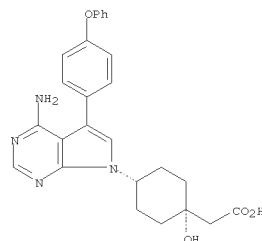
CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 364354-98-3 CAPLUS  
CN Cyclohexaneacetic acid, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

Relative stereochemistry.

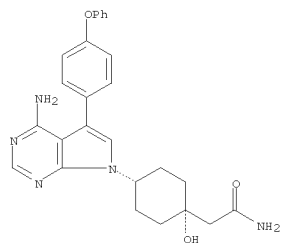


RN 364354-99-4 CAPLUS

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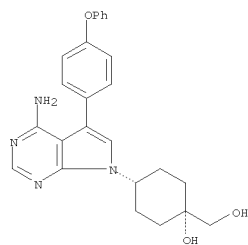
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Cyclohexanecetamide, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

Relative stereochemistry.



RN 364355-00-0 CAPLUS  
 CN Cyclohexanemethanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

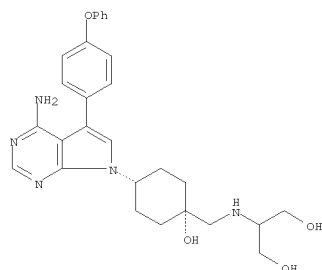
Relative stereochemistry.



RN 364355-01-1 CAPLUS  
 CN Cyclohexanol, 1-(aminomethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

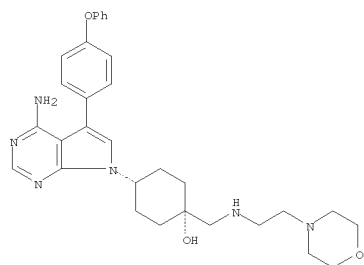
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-04-4 CAPLUS  
 CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(4-morpholinyl)ethyl]amino]methyl]-, cis- (CA INDEX NAME)

Relative stereochemistry.

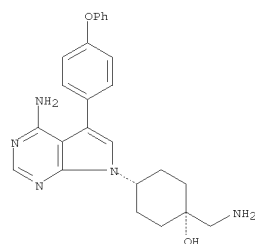


RN 364355-06-6 CAPLUS  
 CN Cyclohexanol, 1-(aminomethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans-, diacetate (salt) (9CI) (CA INDEX NAME)

CM 1

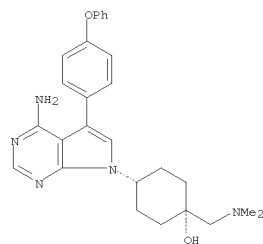
CRN 364355-05-5

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-02-2 CAPLUS  
 CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[(dimethylamino)methyl]-, cis- (CA INDEX NAME)

Relative stereochemistry.

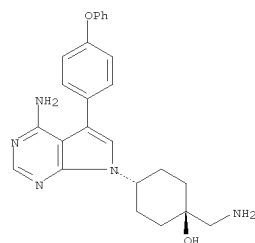


RN 364355-03-3 CAPLUS  
 CN 1,3-Propanediol, 2-[[[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxycyclohexyl]methyl]amino]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CMF C25 H27 N5 O2

Relative stereochemistry.



CM 2

CRN 64-19-7

CMF C2 H4 O2



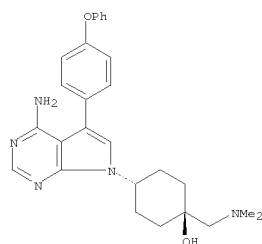
RN 364355-07-7 CAPLUS  
 CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[(dimethylamino)methyl]-, trans- (CA INDEX NAME)

Relative stereochemistry.



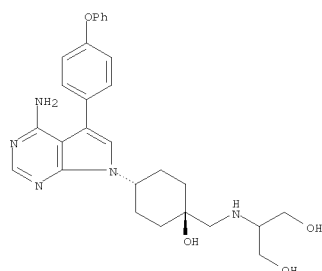
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-08-8 CAPLUS  
CN 1,3-Propanediol,  
2-[[[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxycyclohexyl]methyl]amino]- (CA INDEX NAME)

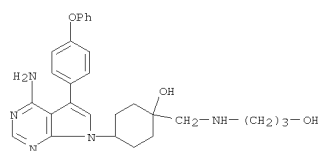
Relative stereochemistry.



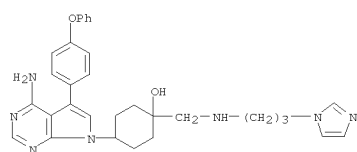
RN 364355-09-9 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(4-morpholinyl)ethyl]amino]methyl]-, trans- (CA INDEX NAME)

Relative stereochemistry.

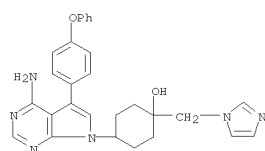
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-12-4 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[3-(1H-imidazol-1-yl)propyl]amino]methyl]- (CA INDEX NAME)

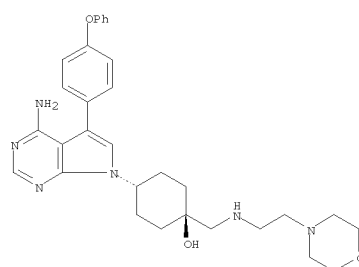


RN 364355-13-5 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(dimethylamino)ethyl]amino]methyl]- (CA INDEX NAME)

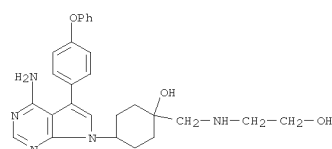


RN 364355-14-6 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(2-hydroxyethoxy)ethyl]amino]methyl]- (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

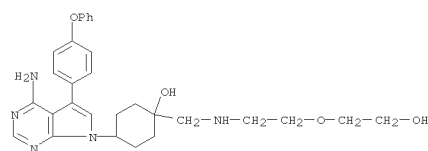


RN 364355-10-2 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(2-hydroxyethyl)amino]methyl]- (CA INDEX NAME)

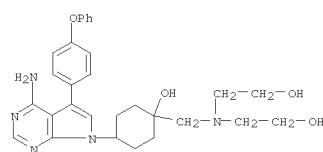


RN 364355-11-3 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[3-(3-hydroxypropyl)amino]methyl]- (CA INDEX NAME)

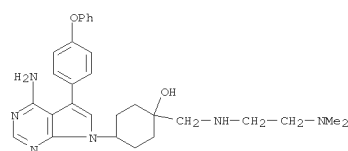
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-15-7 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[bis(2-hydroxyethyl)amino]methyl]- (CA INDEX NAME)



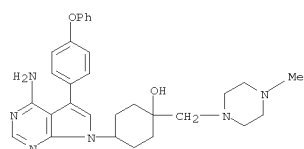
RN 364355-16-8 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(dimethylamino)ethyl]amino]methyl]- (CA INDEX NAME)



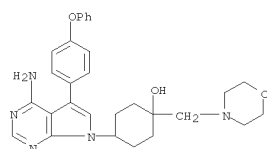
RN 364355-18-0 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[4-methyl-1-piperazinyl]methyl]- (CA INDEX NAME)

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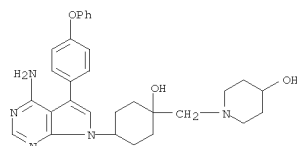
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-19-1 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-(4-morpholinylmethyl)- (CA INDEX NAME)

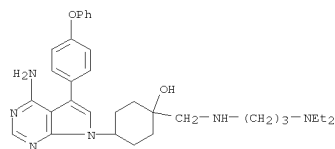


RN 364355-20-4 CAPLUS  
CN 4-Piperidinol, 1-[[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxycyclohexyl]methyl]- (CA INDEX NAME)

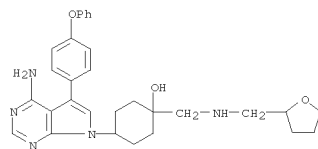


RN 364355-21-5 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[methyl(1-methyl-4-piperidinyl)amino]methyl]- (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-25-9 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(1-piperidinyl)ethyl]amino]methyl]- (CA INDEX NAME)



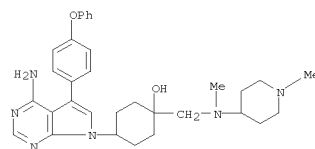
RN 364355-29-3 CAPLUS  
CN Cyclohexanemethanol,  
1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis-, monoacetate (salt) (9CI) (CA INDEX NAME)

CM 1

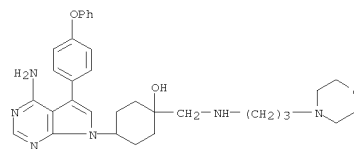
CRN 364355-28-2  
CMF C25 H27 N5 O2

Relative stereochemistry.

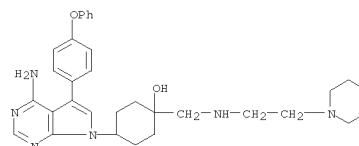
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-22-6 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[3-(4-morpholinyl)propyl]amino]methyl]- (CA INDEX NAME)

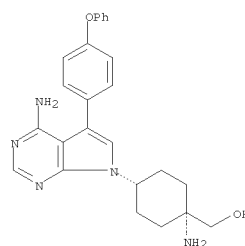


RN 364355-23-7 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(1-piperidinyl)ethyl]amino]methyl]- (CA INDEX NAME)



RN 364355-24-8 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[3-(diethylamino)propyl]amino]methyl]- (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 364355-33-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-amino-4-(aminomethyl)cyclohexyl)-5-(4-phenoxyphenyl)-, monoacetate (9CI) (CA INDEX NAME)

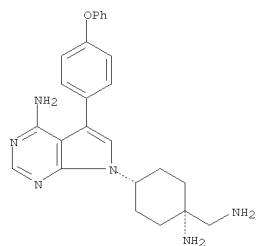
CM 1

CRN 364355-32-8  
CMF C25 H28 N6 O

Relative stereochemistry.

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 64-19-7  
CMF C2 H4 O2

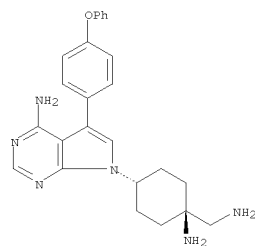


RN 364355-35-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-amino-4-(aminomethyl)cyclohexyl)-5-(4-phenoxyphenyl)-, monoacetate (9CI) (CA INDEX NAME)

CM 1  
CRN 364355-34-0  
CMF C25 H28 N6 O

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



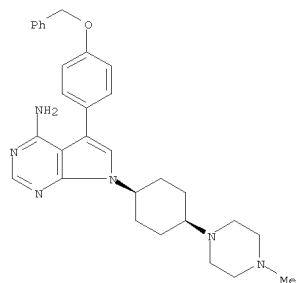
CM 2  
CRN 64-19-7  
CMF C2 H4 O2



RN 364355-40-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)-5-(4-(phenylmethoxy)phenyl)- (CA INDEX NAME)

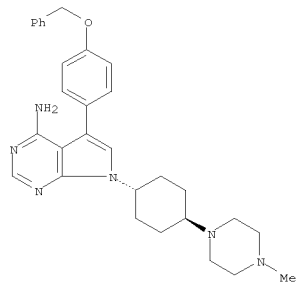
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-41-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)-5-(4-(phenylmethoxy)phenyl)- (CA INDEX NAME)

Relative stereochemistry.



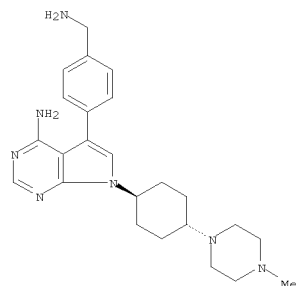
RN 364355-51-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-(aminomethyl)phenyl]-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)-, (2Z)-2-butenedioate (1:4) (CA INDEX NAME)

CM 1

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

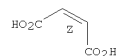
CRN 364355-50-0  
CMF C24 H33 N7

Relative stereochemistry.



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



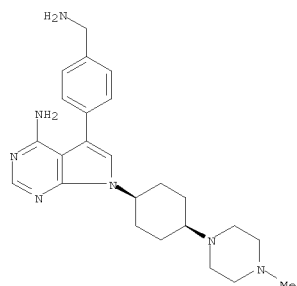
RN 364355-53-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-(aminomethyl)phenyl]-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)-, (2Z)-2-butenedioate (1:4) (CA INDEX NAME)

CM 1  
CRN 364355-52-2  
CMF C24 H33 N7

Relative stereochemistry.

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

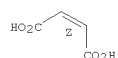


CM 2

CRN 110-16-7

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 364355-56-6 CAPLUS

CN Benzamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]- (CA INDEX NAME)

Relative stereochemistry.

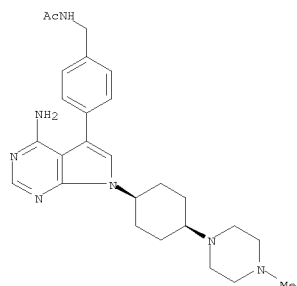
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364355-58-8 CAPLUS

AN	504555 50
CN	Acetamide,

N-[[4-(4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl)methyl]- (CA INDEX NAME)

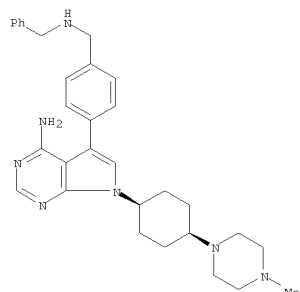
Relative stereochemistry.



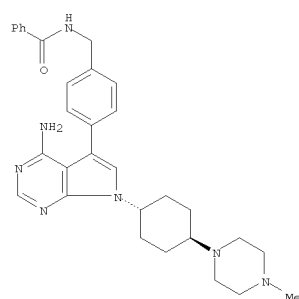
RN 364355-59-9 CAPLUS

CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-5-[4-[[ (phenylmethyl)amino]methyl]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

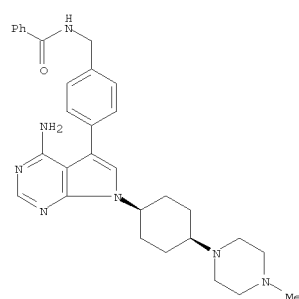


RN 364355-57-7 CAPLUS

CN Benzamide,

N-[[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]- (CA INDEX NAME)

Relative stereochemistry.



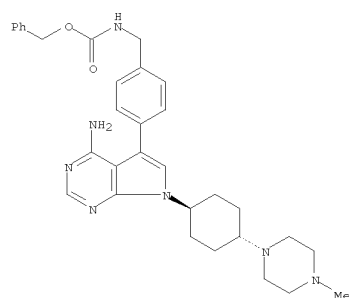
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 364355-60-2 CAPLUS

CN	Carbamic acid
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[[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]-, phenylmethyl ester (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



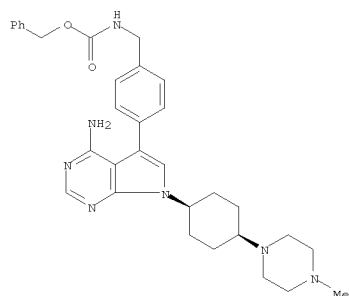
RN 364355-62-4 CAPLUS

CN Carbamic acid, [[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]-, phenylmethyl ester (9CI)  
(CA INDEX NAME)

Relative stereochemistry.

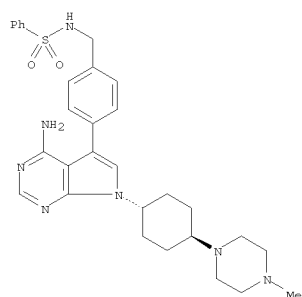
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

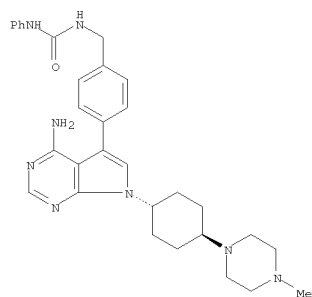


RN 364355-63-5 CAPLUS  
CN Benzenesulfonamide, N-[[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]- (CA INDEX NAME)

Relative stereochemistry.

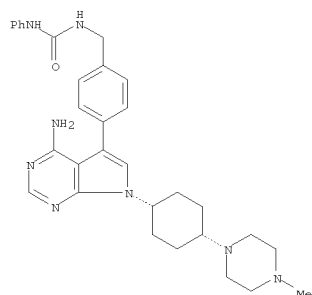


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-66-8 CAPLUS  
CN Urea, N-[[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]-N'-phenyl- (CA INDEX NAME)

Relative stereochemistry.



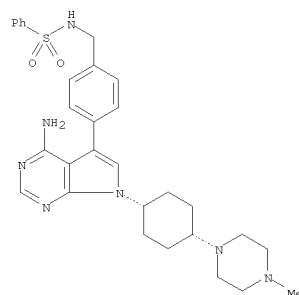
RN 364355-68-0 CAPLUS  
CN Benzeneacetamide, 4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-N-phenyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 364355-64-6 CAPLUS  
CN Benzenesulfonamide, N-[[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]- (CA INDEX NAME)

Relative stereochemistry.



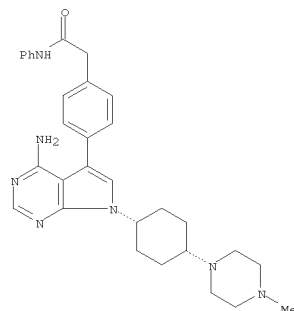
RN 364355-65-7 CAPLUS  
CN Urea, N-[[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]-N'-phenyl- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

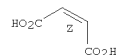
CM 1  
CRN 364355-67-9  
CMF C31 H37 N7 O

Relative stereochemistry.



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



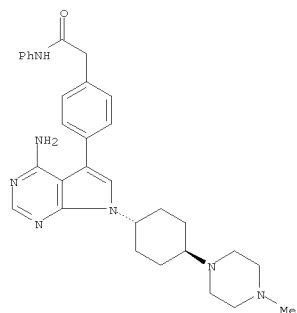
RN 364355-71-5 CAPLUS  
CN Benzeneacetamide, 4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-N-phenyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
CRN 364355-70-4  
CMF C31 H37 N7 O

Relative stereochemistry.

10534427b.trn

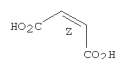
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

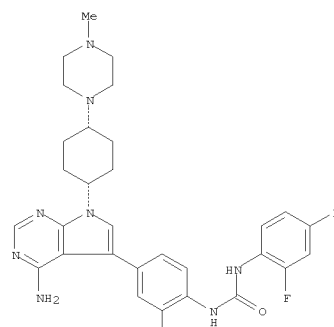


RN 364355-75-9 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,4-difluorophenyl)-  
(CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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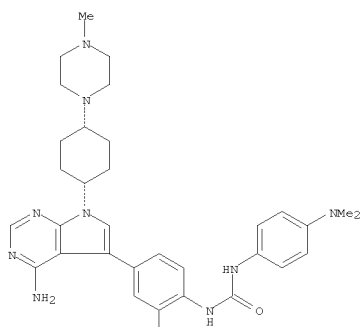
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RN 364355-76-0 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-(dimethylamino)phenyl)-  
(CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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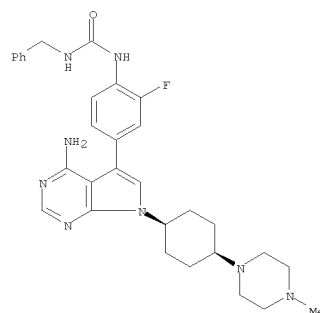


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RN 364355-77-1 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(phenylmethyl)-  
(CA INDEX NAME)

Relative stereochemistry.

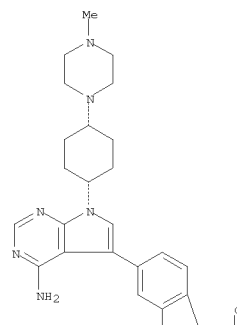
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-78-2 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methylphenyl)methyl)-  
(CA INDEX NAME)

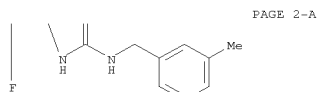
Relative stereochemistry.

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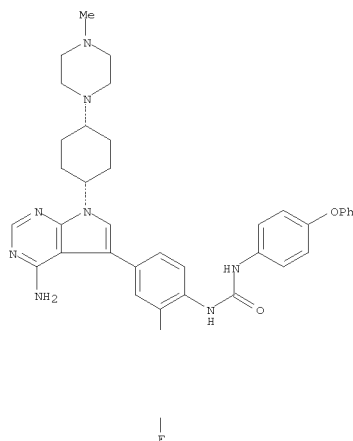
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-79-3 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

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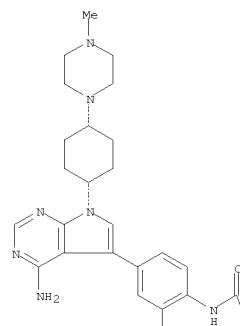


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

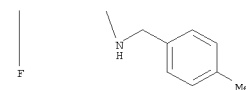
RN 364355-80-6 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-methylphenyl)methyl)- (CA INDEX NAME)

Relative stereochemistry.

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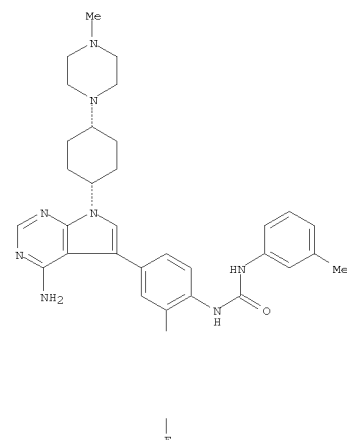


RN 364355-81-7 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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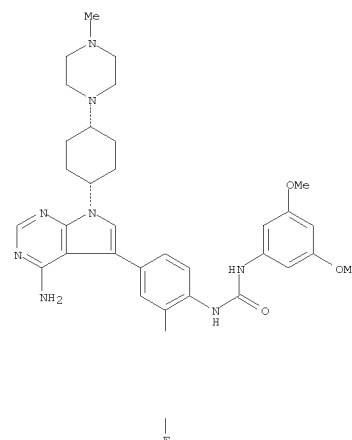


RN 364355-82-8 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3,5-dimethoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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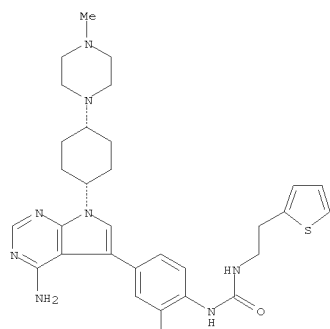
RN 364355-83-9 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2-(2-thienyl)ethyl)- (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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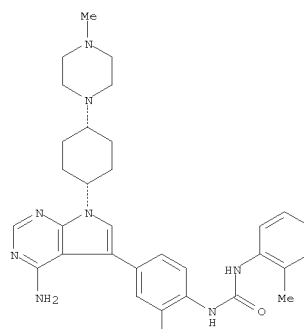
F

RN 364355-84-0 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2-methylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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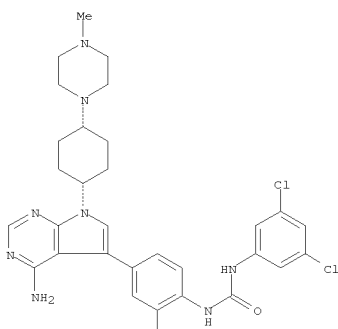
F

RN 364355-85-1 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3,5-dichlorophenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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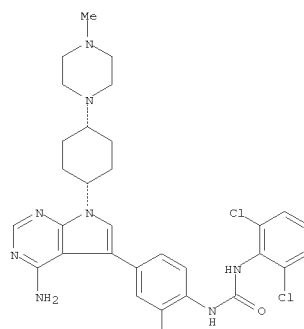
F

RN 364355-86-2 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,6-dichlorophenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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F

RN 364355-87-3 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3,5-bis(trifluoromethyl)phenyl)- (CA INDEX NAME)

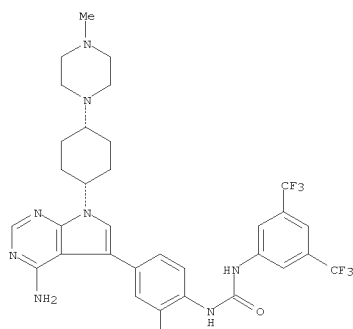
Relative stereochemistry.



10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A



F

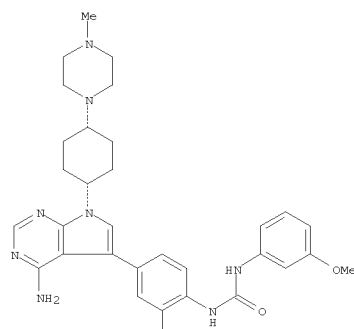
PAGE 2-A

RN 364355-98-4 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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F

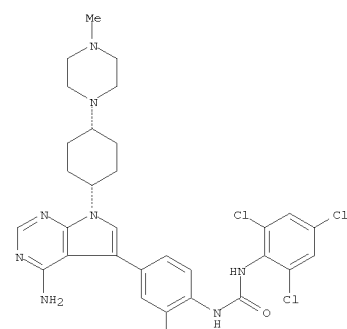
PAGE 2-A

RN 364355-99-5 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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F

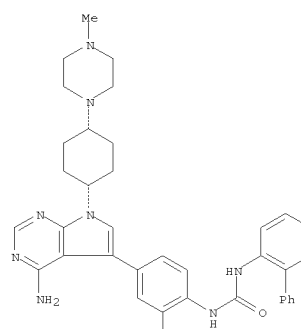
PAGE 2-A

RN 364355-90-8 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(1,1'-biphenyl)-2-yl- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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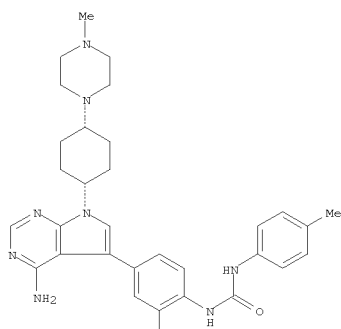
RN 364355-91-9 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-methylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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F

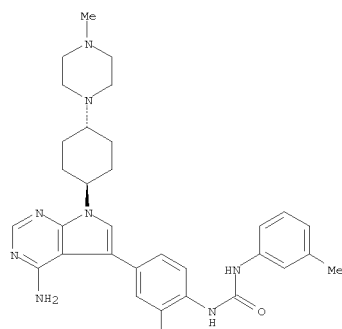
PAGE 2-A

RN 364355-92-0 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

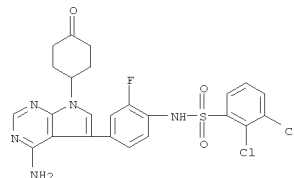
PAGE 1-A



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RN 364355-93-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)

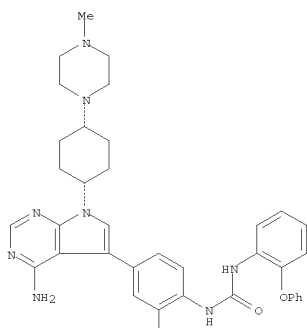


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 364355-96-4 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

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F

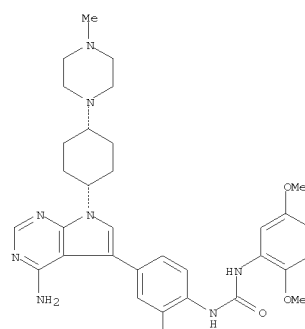
PAGE 2-A

RN 364355-97-5 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,5-dimethoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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RN 364356-05-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-dibromo-3,6-difluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

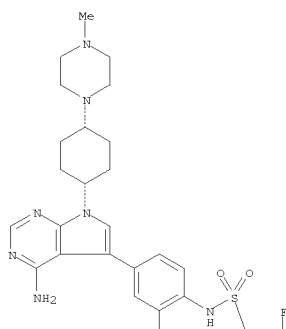
CM 1

CRN 262443-66-3  
CMF C29 H30 Br2 F3 N7 O2 S

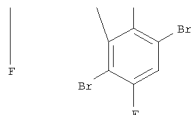
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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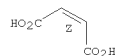
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

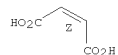
Double bond geometry as shown.



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

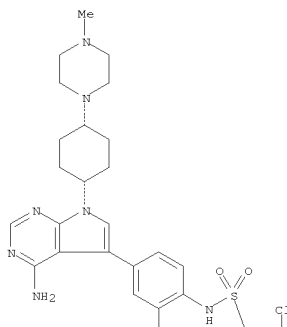
RN 364356-11-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262443-10-7  
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

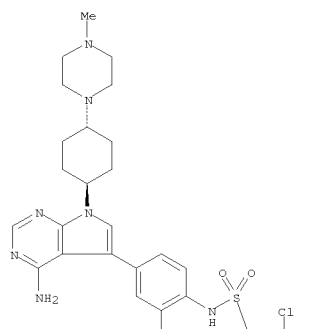
RN 364356-08-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

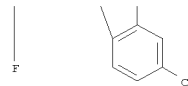
CRN 262445-18-1  
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

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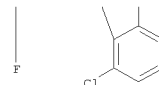
PAGE 2-A



CM 2

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

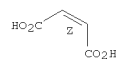
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

RN 364356-13-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

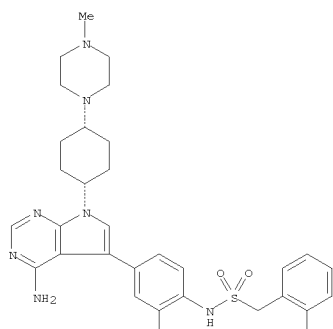
CM 1

CRN 262443-68-5  
CMF C30 H35 F N8 O4 S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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NO<sub>2</sub>

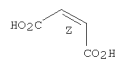
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

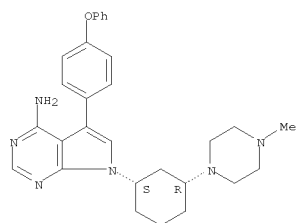


IT 262442-00-2P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(reactant; preparation of pyrrolopyrimidinamines as protein kinase

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

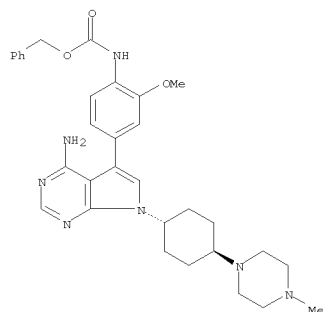
Relative stereochemistry.



RN 262442-79-5 CAPLUS

CN Carbanic acid,  
[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester  
(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 262444-63-3 CAPLUS

CN Carbonic acid,  
3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
yl]cyclopentyl 4-nitrophenyl ester (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

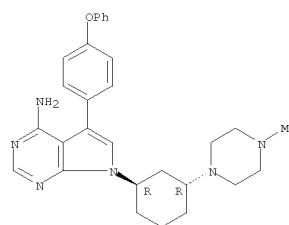
inhibitors)

RN 262442-00-2 CAPLUS

CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-

piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



IT 213743-76-1 262442-03-5 262442-79-5

262444-63-3 262444-65-5 364355-50-0

364355-52-2

RL: RCT (Reactant); RACT (Reactant or reagent)

(reactant; preparation of pyrrolopyrimidinamines as protein kinase

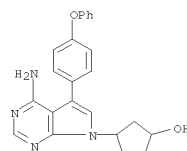
inhibitors)

RN 213743-76-1 CAPLUS

CN Cyclopentanol,

3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-

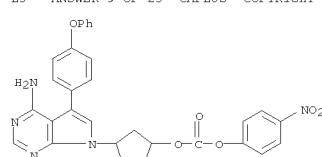
yl]- (CA INDEX NAME)



RN 262442-03-5 CAPLUS

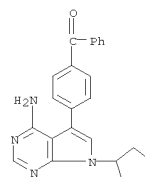
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-  
piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-65-5 CAPLUS

CN Methanone, [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-  
yl)phenyl]phenyl- (CA INDEX NAME)

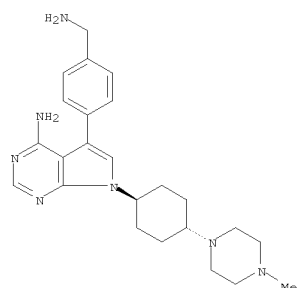


RN 364355-50-0 CAPLUS

CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-(aminomethyl)phenyl]-7-[trans-4-  
(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

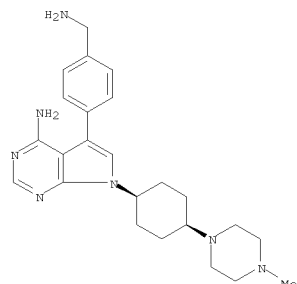
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



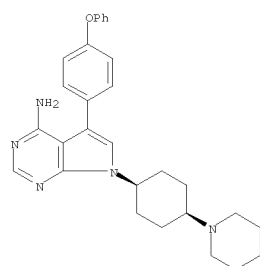
RN 364355-52-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 5-[4-(aminomethyl)phenyl]-7-[cis-4-(4-  
 methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

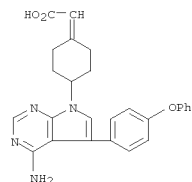


IT 262441-45-2P 262441-49-6P 262443-81-2P  
 262444-45-1P

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-81-2 CAPLUS  
 CN Acetic acid,  
 [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
 yl]cyclohexylidene]- (9CI) (CA INDEX NAME)



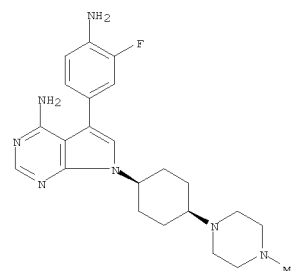
RN 262444-45-1 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 5-[4-amino-3-fluorophenyl]-7-[trans-4-  
 (4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RI: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic  
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
 (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (target compd.; prepn. of pyrrolopyrimidinamines as protein kinase  
 inhibitors)

RN 262441-45-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 5-(4-amino-3-fluorophenyl)-7-[cis-4-(4-  
 methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

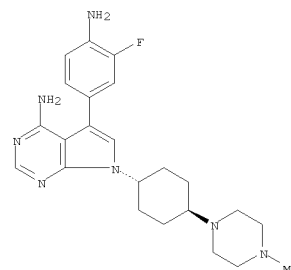
Relative stereochemistry.



RN 262441-49-6 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-  
 piperidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 262431-69-6P 262433-52-3P 262441-46-3P  
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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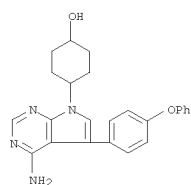
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(target compd.; prepn. of pyrrolopyrimidinamines as protein kinase inhibitors)

RN 262431-69-6 CAPLUS

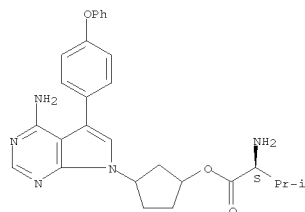
CN Cyclohexanol,

4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 262433-52-3 CAPLUS

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

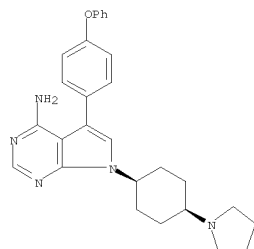


● HCl

RN 262441-48-5 CAPLUS

CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(cis-4-(1-piperidinyl)cyclohexyl)]- (CA INDEX NAME)

Relative stereochemistry.



RN 262441-50-9 CAPLUS

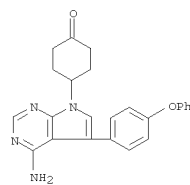
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(cis-4-(1-piperidinyl)cyclohexyl)]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

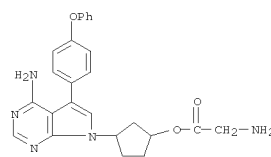
CN Cyclohexanone,

4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 262441-46-3 CAPLUS

CN Glycine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI) (CA INDEX NAME)



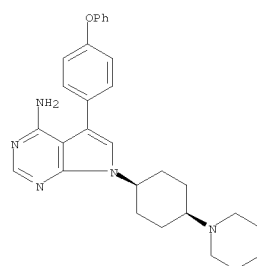
● HCl

RN 262441-47-4 CAPLUS

CN L-Valine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

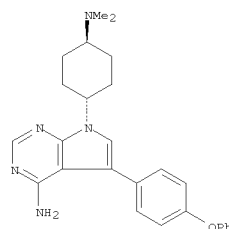


● HCl

RN 262441-51-0 CAPLUS

CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(trans-4-(dimethylamino)cyclohexyl)]-, 5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



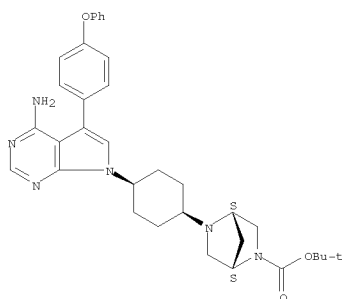
RN 262441-61-2 CAPLUS

CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid, 5-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

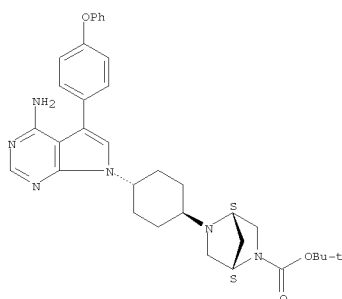
10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-63-4 CAPLUS  
CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid,  
5-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-,  
1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

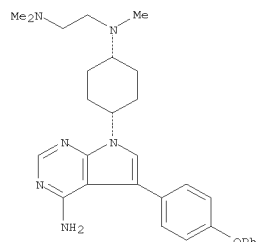


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262441-66-7 CAPLUS  
CN 1,2-Ethanediamine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl-, (2Z)-2-butenedioate  
(1:3)  
(9CI) (CA INDEX NAME)

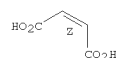
CM 1  
CRN 262441-65-6  
CMF C29 H36 N6 O

Relative stereochemistry.



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

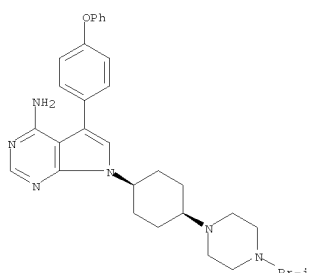
Double bond geometry as shown.



RN 262441-67-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

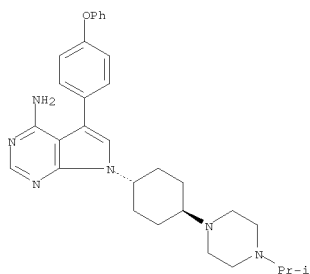
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-69-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

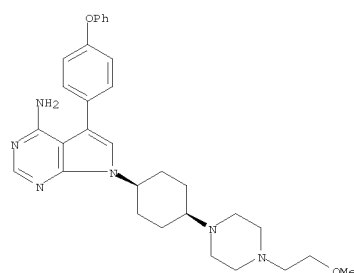
Relative stereochemistry.



RN 262441-71-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

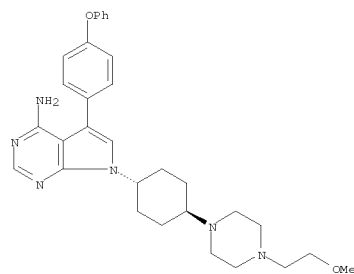
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-73-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

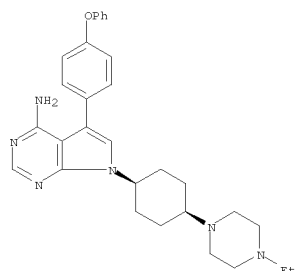


RN 262441-75-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-ethyl-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

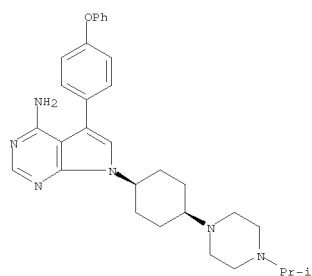


RN 262441-76-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1S,4S)-4-(4-phenoxyphenyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

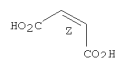
CM 1

CRN 262441-67-8  
CMF C31 H38 N6 O

Relative stereochemistry.



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Double bond geometry as shown.

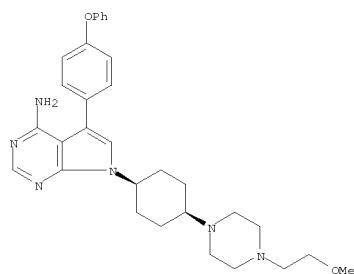


RN 262441-78-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1S,4S)-4-(4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262441-71-4  
CMF C31 H38 N6 O2

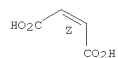
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



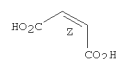
RN 262441-79-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

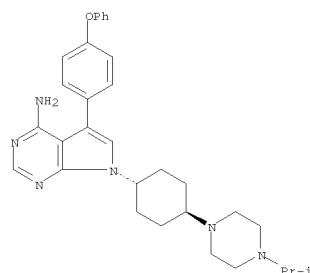


RN 262441-77-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262441-69-0  
CMF C31 H38 N6 O

Relative stereochemistry.



CM 2

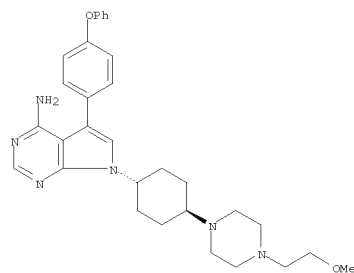
CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(CA INDEX NAME)

CM 1

CRN 262441-73-6  
CMF C31 H38 N6 O2

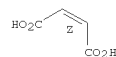
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-81-6 CAPLUS  
CN 1,2-Ethanediamine, N'-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N-dimethyl-, (2Z)-2-butenedioate (1:3)  
(9CI) (CA INDEX NAME)

CM 1

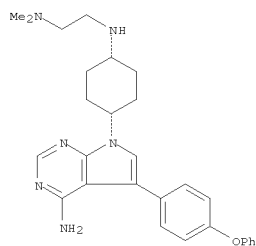
CRN 262441-80-5  
CMF C28 H34 N6 O

Relative stereochemistry.



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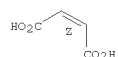
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



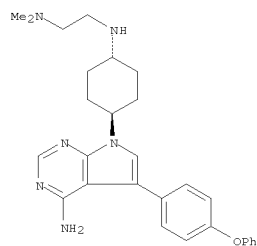
RN 262441-83-8 CAPLUS  
CN 1,2-Ethanediamine,  
N'-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N-dimethyl-, (2Z)-2-butenedioate (1:1)  
(9CI) (CA INDEX NAME)

CM 1

CRN 262441-82-7  
CMF C28 H34 N6 O

Relative stereochemistry.

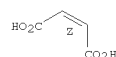
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



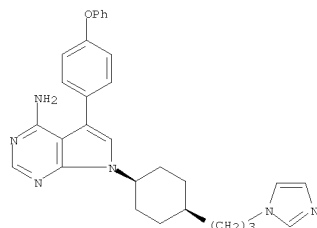
RN 262441-85-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[3-(1H-imidazol-1-yl)propyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262441-84-9  
CMF C30 H32 N6 O

Relative stereochemistry.

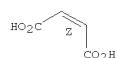
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



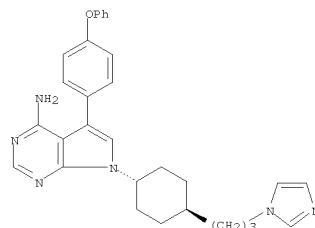
RN 262441-87-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[3-(1H-imidazol-1-yl)propyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:2)  
(CA INDEX NAME)

CM 1

CRN 262441-86-1  
CMF C30 H32 N6 O

Relative stereochemistry.

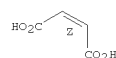
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

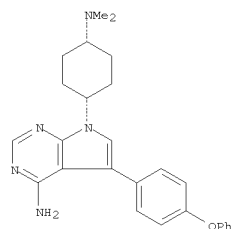
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-88-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(dimethylamino)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



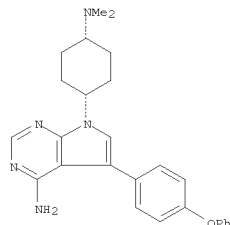
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262441-89-4 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 7-[cis-4-(dimethylamino)cyclohexyl]-5-(  
 (4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262441-88-3  
 CMF C26 H29 N5 O

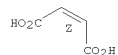
Relative stereochemistry.



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



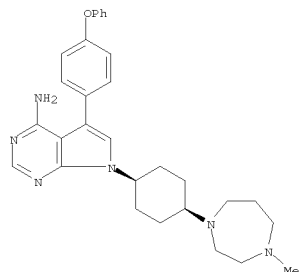
RN 262441-91-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperidinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262441-90-7  
 CMF C29 H33 N5 O

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

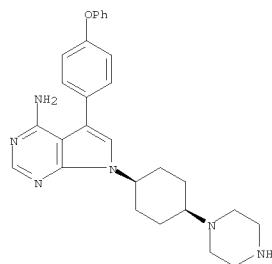


RN 262441-94-1 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-93-0  
 CMF C28 H32 N6 O

Relative stereochemistry.

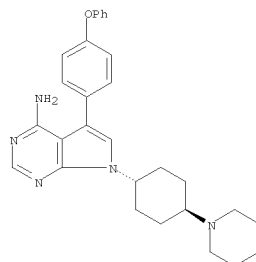


CM 2

CRN 110-16-7

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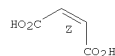
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



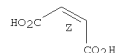
RN 262441-92-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)cyclohexyl]-5-(4-phenoxyphenyl)-, dihydrochloride (9CI)

(CA INDEX NAME)

Relative stereochemistry.

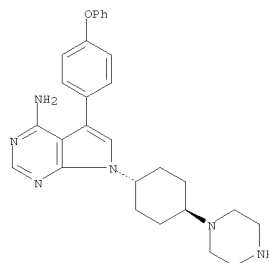
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-95-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

Relative stereochemistry.



RN 262441-96-3 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

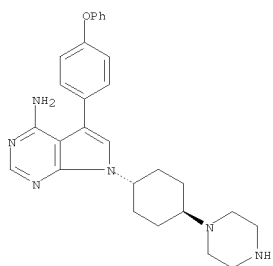
CM 1

CRN 262441-95-2  
 CMF C28 H32 N6 O

Relative stereochemistry.

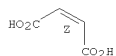
10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



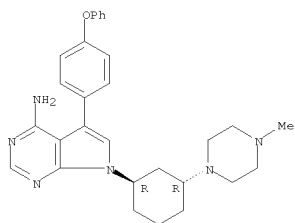
RN 262441-98-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[3-(4-methyl-1-piperazinyl)cyclopentyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
CRN 262441-97-4  
CMF C28 H32 N6 O

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

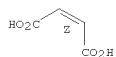
CM 1  
CRN 262442-00-2  
CMF C29 H34 N6 O

Relative stereochemistry.



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

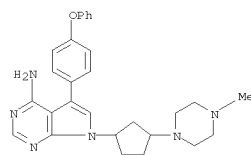
Double bond geometry as shown.



RN 262442-02-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

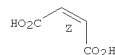
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

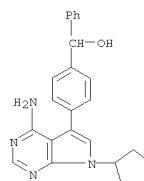


CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

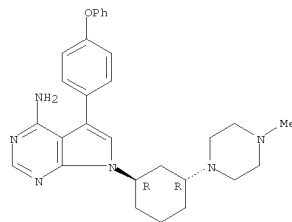


RN 262441-99-6 CAPLUS  
CN Benzenemethanol, 4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-α-phenyl- (CA INDEX NAME)



RN 262442-01-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

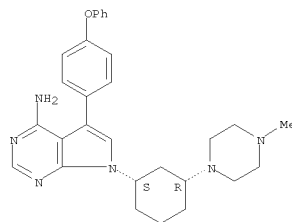


● 3 HCl

RN 262442-04-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1  
CRN 262442-03-5  
CMF C29 H34 N6 O

Relative stereochemistry.

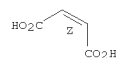


CM 2  
CRN 110-16-7  
CMF C4 H4 O4

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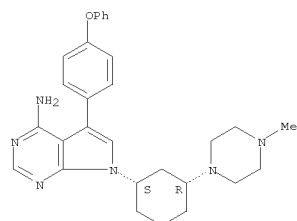
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.



RN 262442-05-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel- (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



● 3 HC1

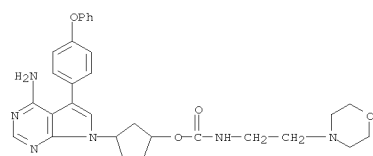
RN 262442-07-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(2-methyl-4-phenoxyphenyl)-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-06-8  
CMF C30 H36 N6 O

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



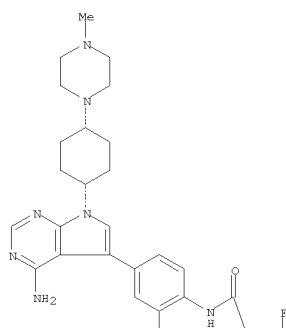
● HC1

RN 262442-11-5 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

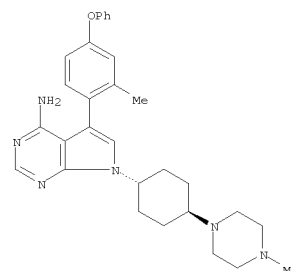
CRN 262442-10-4  
CMF C31 H35 F2 N7 O2

Relative stereochemistry.



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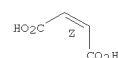
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

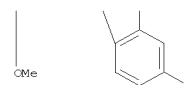
Double bond geometry as shown.



RN 262442-08-0 CAPLUS  
CN Carbamic acid, [2-(4-morpholinyl)ethyl]-, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI)  
(CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

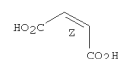
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-13-7 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

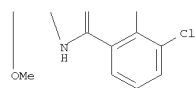
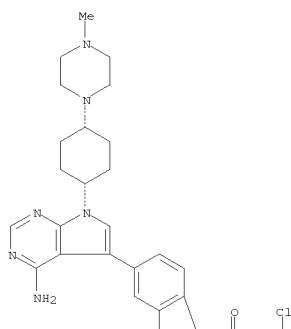
CRN 262442-12-6  
CMF C31 H35 Cl2 N7 O2

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

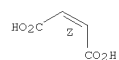
PAGE 1-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-15-9 CAPLUS

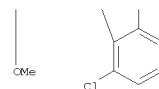
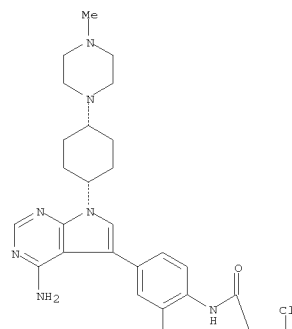
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-14-8  
CMF C31 H35 Cl2 N7 O2

Relative stereochemistry.

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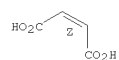
PAGE 2-A

CM 2

CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.

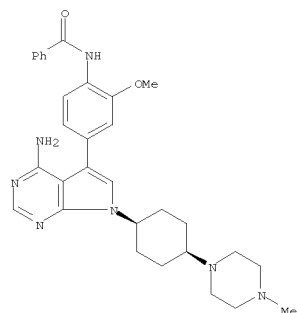


RN 262442-17-1 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-16-0  
CMF C31 H37 N7 O2

Relative stereochemistry.

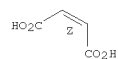


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



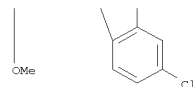
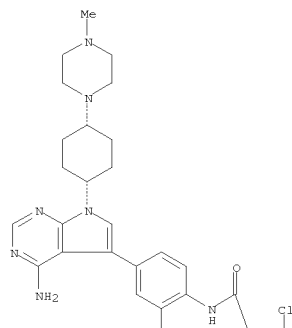
RN 262442-19-3 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-18-2  
CMF C31 H35 Cl2 N7 O2

Relative stereochemistry.

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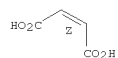
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2  
CRN 110-16-7  
CMF C4 H4 O4

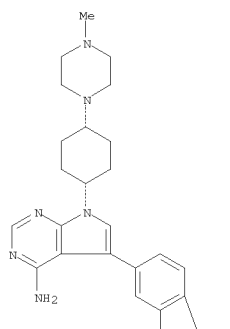
Double bond geometry as shown.



RN 262442-21-7 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-5-(trifluoromethyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
CRN 262442-20-6  
CMF C32 H35 Cl F3 N7 O2

Relative stereochemistry.

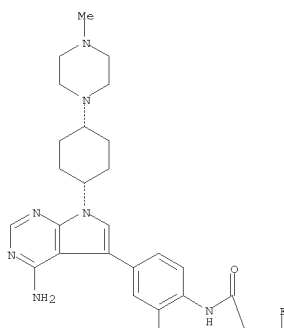


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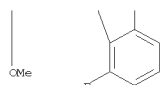
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262442-23-9 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-difluoro- (CA INDEX NAME)

Relative stereochemistry.



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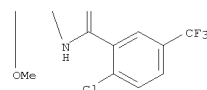
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RN 262442-24-0 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX NAME)

Relative stereochemistry.

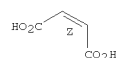
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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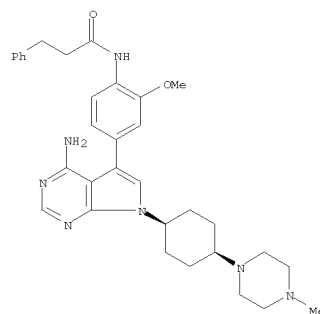
CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



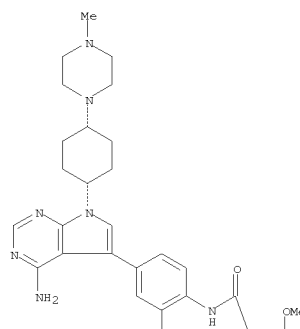
RN 262442-22-8 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

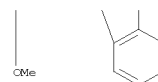


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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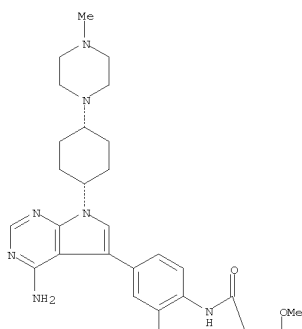


RN 262442-25-1 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dimethoxy- (CA INDEX NAME)

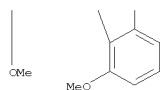
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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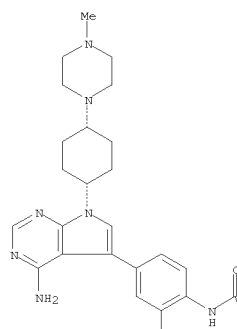


RN 262442-26-2 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3,4-dichloro- (CA INDEX NAME)

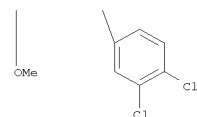
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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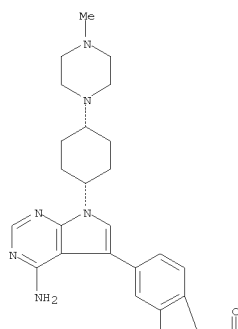


RN 262442-27-3 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-methoxy- (CA INDEX NAME)

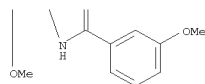
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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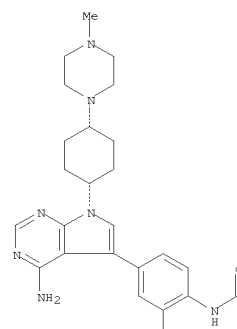


RN 262442-28-4 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-fluoro- (CA INDEX NAME)

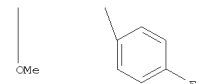
Relative stereochemistry.

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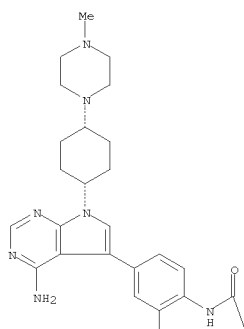


RN 262442-29-5 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-chloro- (CA INDEX NAME)

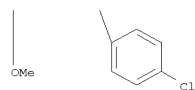
Relative stereochemistry.

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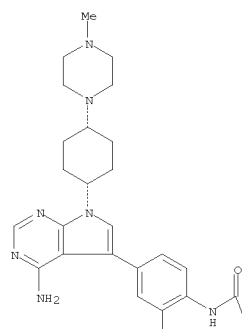


RN 262442-30-8 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-methoxy- (CA INDEX NAME)

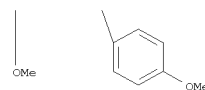
Relative stereochemistry.

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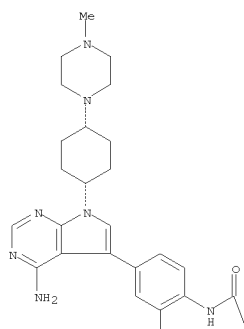


RN 262442-31-9 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethyl)- (CA INDEX NAME)

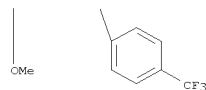
Relative stereochemistry.

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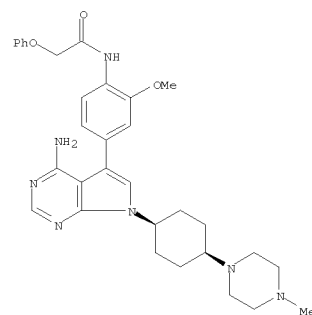
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RN 262442-32-0 CAPLUS  
 CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenoxy- (CA INDEX NAME)

Relative stereochemistry.

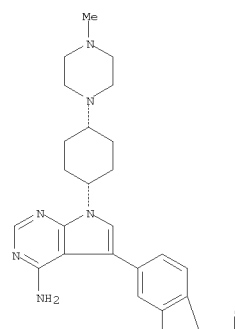
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-33-1 CAPLUS  
 CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-(4-chlorophenoxy)- (CA INDEX NAME)

Relative stereochemistry.

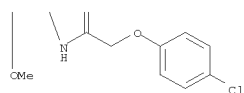
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

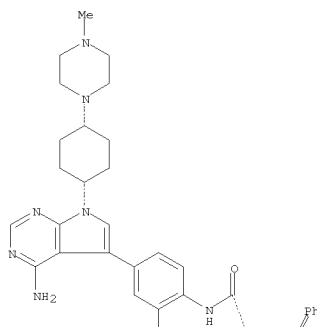


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RN 262442-34-2 CAPLUS  
CN Cyclopropanecarboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenyl-, (1R,2R)-rel- (CA INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

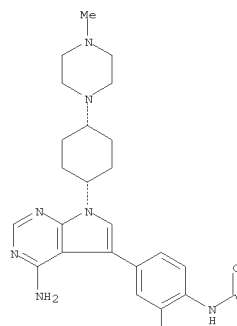


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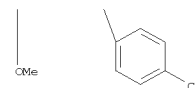
RN 262442-35-3 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-cyano- (CA INDEX NAME)

Relative stereochemistry.

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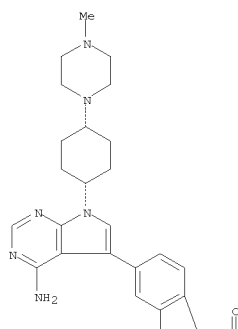


RN 262442-36-4 CAPLUS

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-nitro- (CA INDEX NAME)

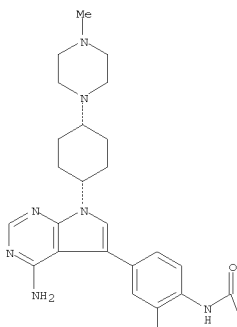
Relative stereochemistry.

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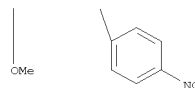


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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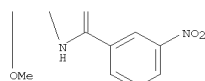


RN 262442-38-6 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3,5-difluoro- (CA INDEX NAME)

Relative stereochemistry.

RN 262442-37-5 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-nitro- (CA INDEX NAME)

Relative stereochemistry.

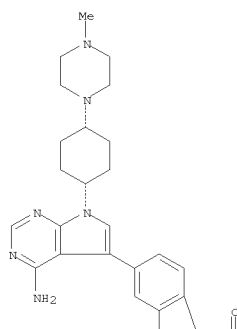


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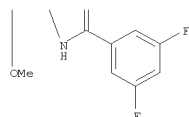
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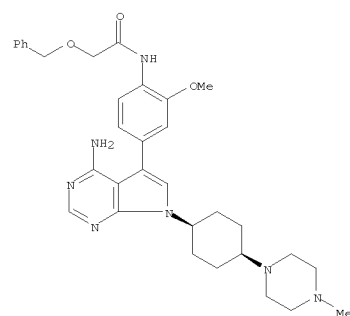
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RN 262442-39-7 CAPLUS  
CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-(phenylmethoxy)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

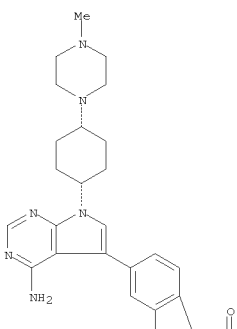


RN 262442-40-0 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-cyano- (CA INDEX NAME)

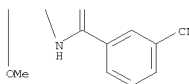
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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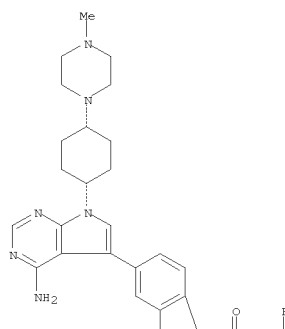


RN 262442-41-1 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,3-difluoro- (CA INDEX NAME)

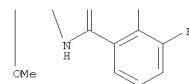
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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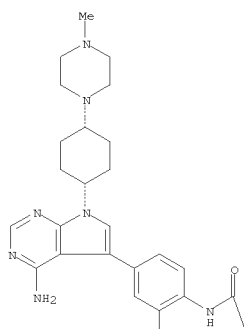


RN 262442-42-2 CAPLUS  
CN 3-Pyridinecarboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-6-chloro- (CA INDEX NAME)

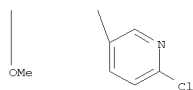
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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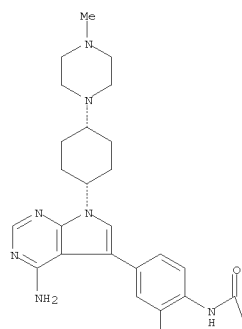


RN 262442-43-3 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

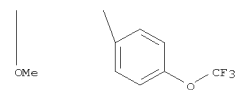
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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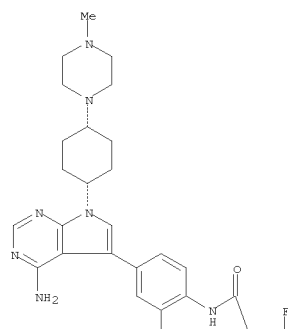


RN 262442-44-4 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4,6-trifluoro- (CA INDEX NAME)

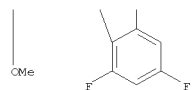
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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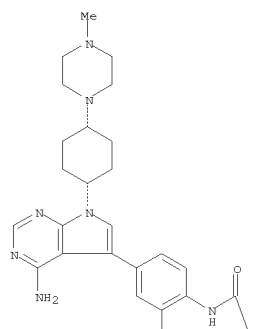


RN 262442-45-5 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-6-fluoro- (CA INDEX NAME)

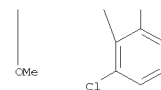
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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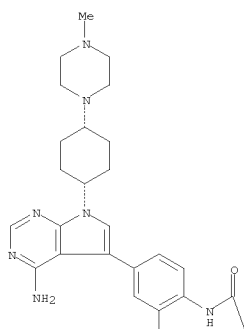
RN 262442-46-6 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(dimethylamino)- (CA INDEX NAME)

Relative stereochemistry.

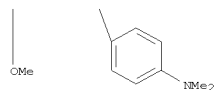
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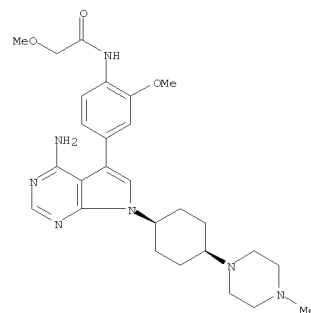
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RN 262442-47-7 CAPLUS  
CN Acetamide, N-[4-[4-amino-7-(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-49-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(methoxymethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

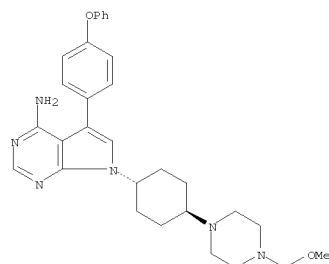
CM 1

CRN 262442-48-8

CMF C30 H36 N6 O2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

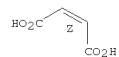


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-51-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

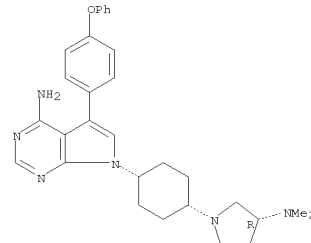
CM 1

CRN 262442-50-2

CMF C30 H36 N6 O

Absolute stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

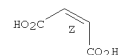


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-53-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[(3S)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

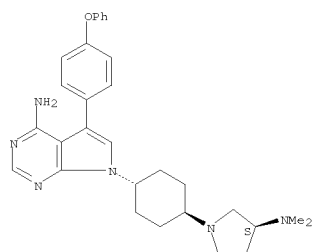
CRN 262442-52-4

CMF C30 H36 N6 O

Absolute stereochemistry.

10534427b.trn

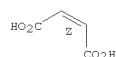
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



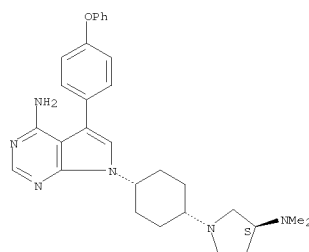
RN 262442-55-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-[(3S)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl)-5-(4-phenoxyphenyl)]-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-54-6  
CMF C30 H36 N6 O

Absolute stereochemistry.

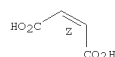
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



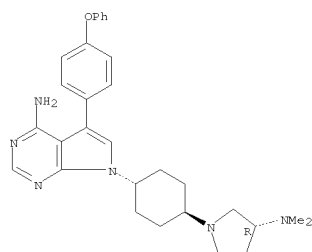
RN 262442-57-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl)-5-(4-phenoxyphenyl)]-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-56-8  
CMF C30 H36 N6 O

Absolute stereochemistry.

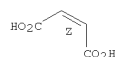
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



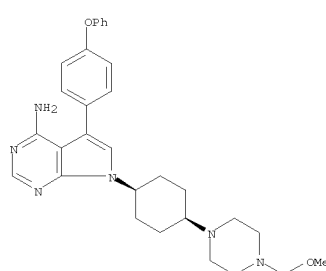
RN 262442-59-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-[4-(methoxymethyl)-1-piperazinyl]cyclohexyl)-5-(4-phenoxyphenyl)]-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-58-0  
CMF C30 H36 N6 O2

Relative stereochemistry.

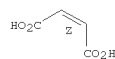
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

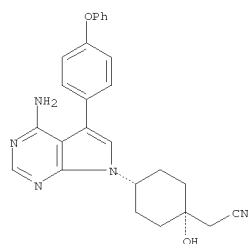


RN 262442-60-4 CAPLUS  
CN Cyclohexaneacetonitrile, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

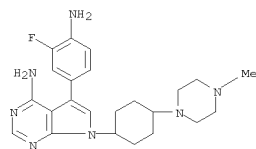
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-61-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-fluorophenyl)-7-[4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

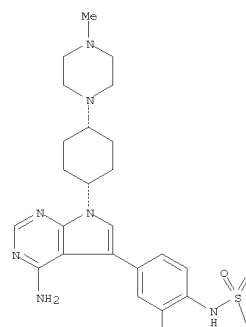


RN 262442-62-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)

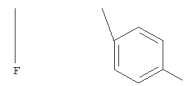
Relative stereochemistry.

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RN 262442-63-7 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

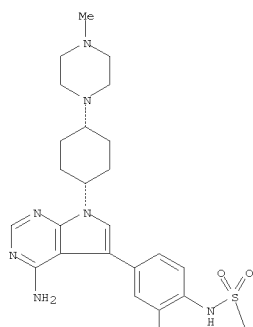
CM 1

CRN 262442-62-6  
CMF C29 H33 F2 N7 O2 S

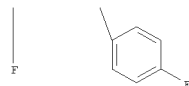
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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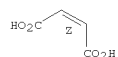
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-65-9 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

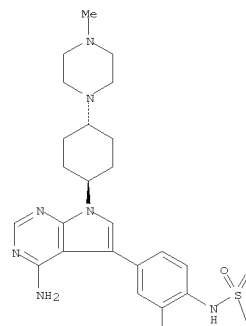
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

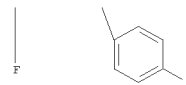
CRN 262442-64-8  
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

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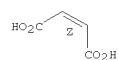
CM 2

CRN 110-16-7  
CMF C4 H4 O4

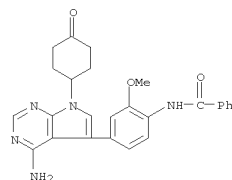
Double bond geometry as shown.

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-78-4 CAPLUS  
CN Benamide,  
N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)



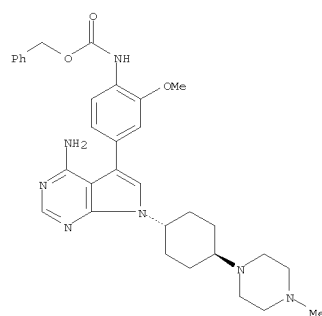
RN 262442-80-8 CAPLUS  
CN Carbamic acid,  
[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262442-79-5  
CMF C32 H39 N7 O3

Relative stereochemistry.

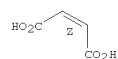
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

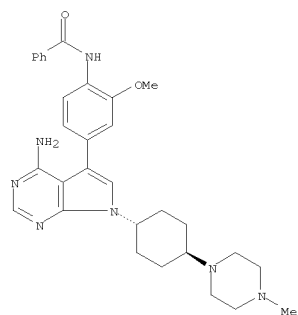
Double bond geometry as shown.



RN 262442-81-9 CAPLUS  
CN Benamide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-83-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-(trifluoromethoxy)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

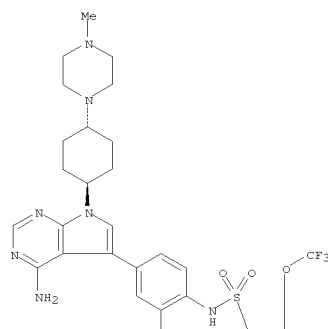
CM 1

CRN 262442-82-0  
CMF C30 H33 F4 N7 O3 S

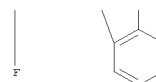
Relative stereochemistry.

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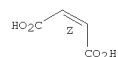
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-85-3 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

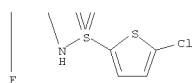
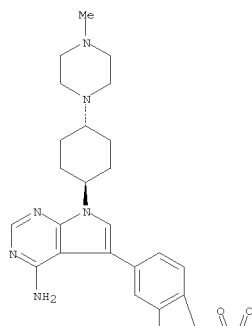
CM 1

CRN 262442-84-2

CMF C27 H31 Cl F N7 O2 S2

Relative stereochemistry.

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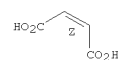
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-88-6 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

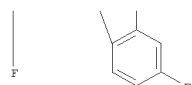
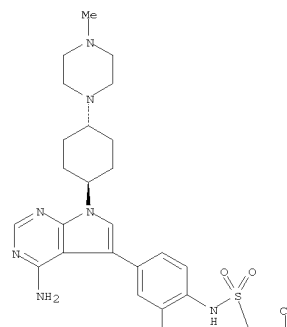
CM 1

CRN 262442-87-5

CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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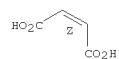
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-91-1 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

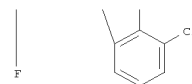
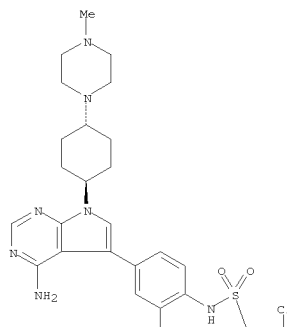
CRN 262442-90-0

CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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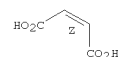
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-93-3 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)



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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

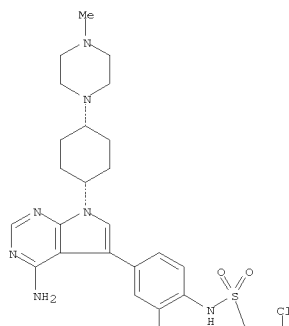
CM 1

CRN 262442-92-2

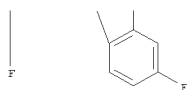
CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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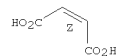
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-95-5 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

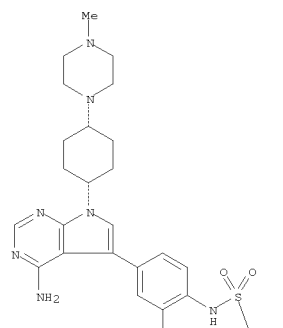
CM 1

CRN 262442-94-4

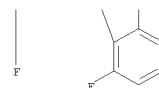
CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

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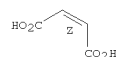


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-00-5 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-,

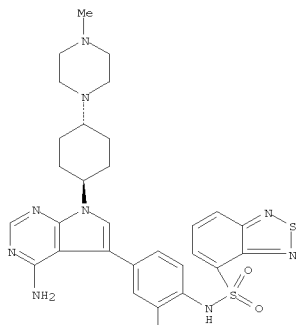
10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-99-9  
CMF C29 H32 F N9 O2 S2

Relative stereochemistry.



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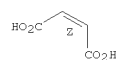
PAGE 2-A

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

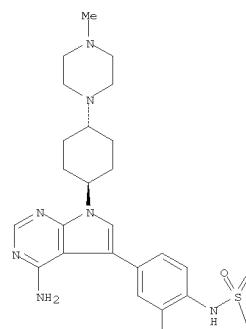


RN 262443-03-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trifluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-02-7  
CMF C29 H31 F4 N7 O2 S

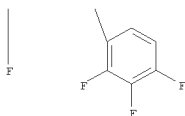
Relative stereochemistry.



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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

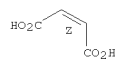
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-05-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[3,2-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

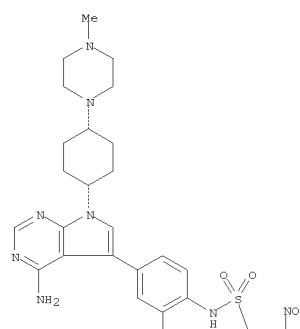
CM 1

CRN 262443-04-9  
CMF C29 H33 F N8 O4 S

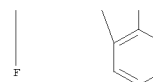
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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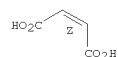
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-07-2 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-  
 piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-  
 fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

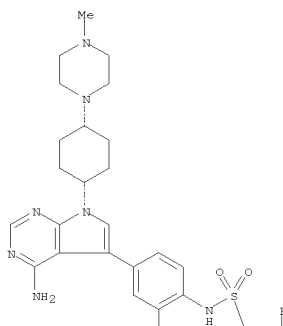
CM 1

CRN 262443-06-1

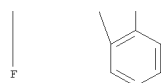
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

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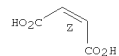
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-09-4 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4,6-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

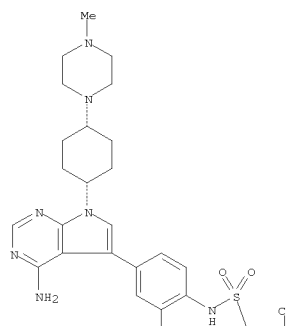
CM 1

CRN 262443-08-3

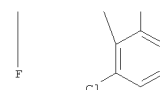
CMF C29 H31 Cl3 F N7 O2 S

Relative stereochemistry.

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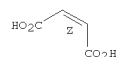


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-13-0 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

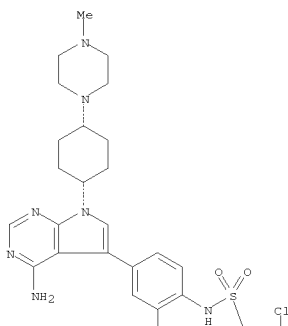
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

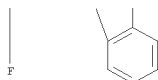
CRN 262443-12-9  
CMF C29 H33 Cl F N7 O2 S

Relative stereochemistry.

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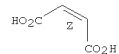


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



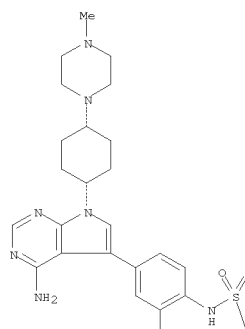
RN 262443-15-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262443-14-1  
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

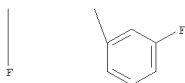
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

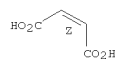
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



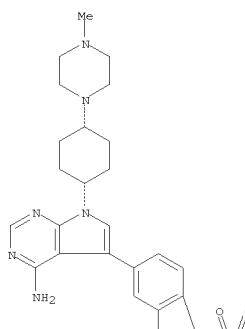
RN 262443-17-4 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

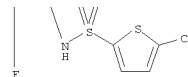
CRN 262443-16-3  
CMF C27 H31 Cl F N7 O2 S2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



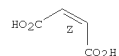
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

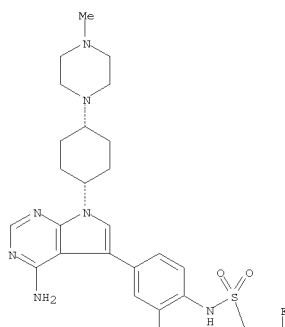


RN 262443-19-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

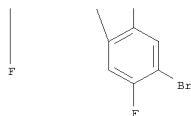
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CM 1

CRN 262443-18-5  
CMF C29 H31 Br F3 N7 O2 S

Relative stereochemistry.



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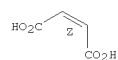
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



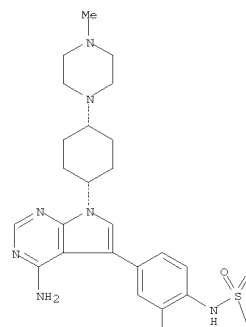
RN 262443-21-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-20-9  
CMF C29 H32 Cl F2 N7 O2 S

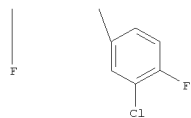
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

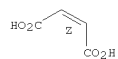
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-23-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-iodo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

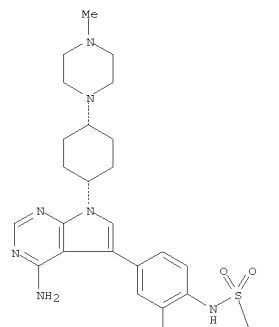
CM 1

CRN 262443-22-1  
CMF C29 H33 F I N7 O2 S

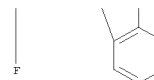
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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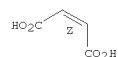
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-25-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-(trifluoromethoxy)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

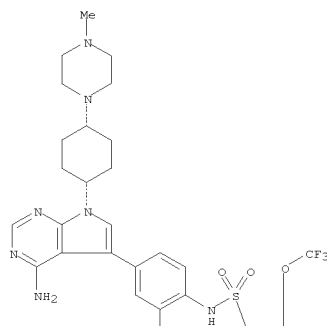
CM 1

CRN 262443-24-3

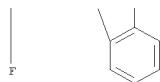
CMF C30 H33 F4 N7 O3 S

Relative stereochemistry.

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CM 2

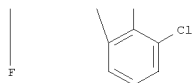
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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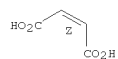


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-29-8 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-6-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

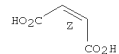
CM 1

CRN 262443-28-7

CMF C30 H35 Cl1 F N7 O2 S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-27-6 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

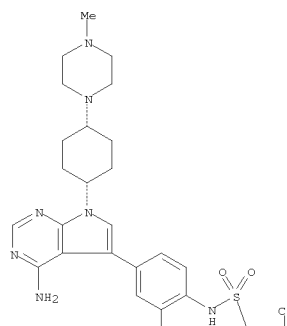
CM 1

CRN 262443-26-5

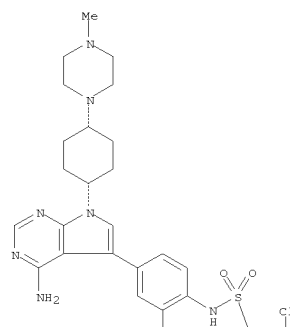
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

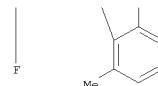
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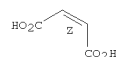


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-31-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-cyano-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

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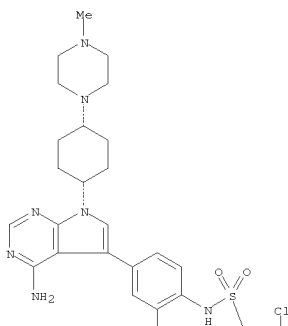
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

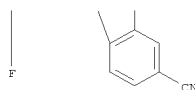
CRN 262443-30-1  
CMF C30 H32 Cl F N8 O2 S

Relative stereochemistry.

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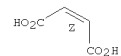


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



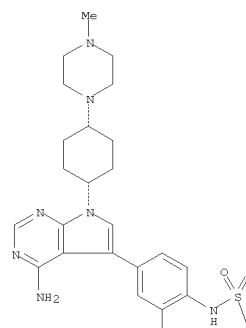
RN 262443-34-5 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trifluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-33-4  
CMF C29 H31 F4 N7 O2 S

Relative stereochemistry.

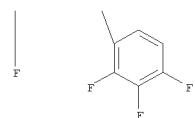
PAGE 1-A



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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

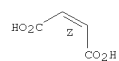
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



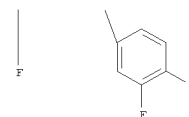
RN 262443-37-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-36-7  
CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

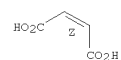
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-40-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-

10534427b.trn

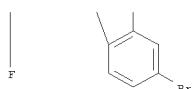
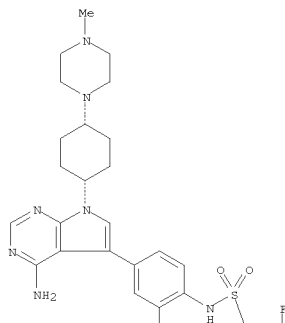
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
bromo-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-39-0  
CMF C29 H32 Br F2 N7 O2 S

Relative stereochemistry.

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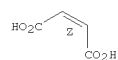


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



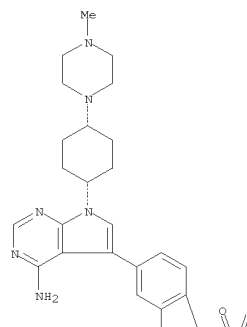
RN 262443-42-5 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-41-4  
CMF C27 H31 Br F N7 O2 S2

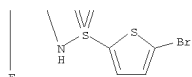
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

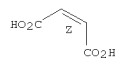
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-44-7 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

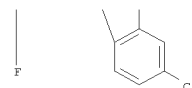
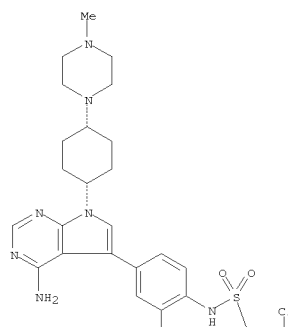
CM 1

CRN 262443-43-6  
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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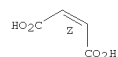


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-47-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)



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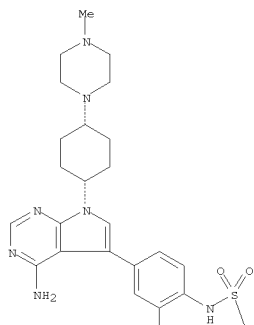
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

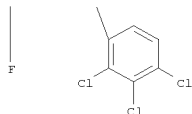
CRN 262443-46-9

CMF C29 H31 C13 F N7 O2 S

Relative stereochemistry.



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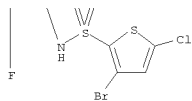
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



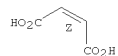
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CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-51-6 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

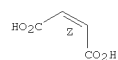
CM 1

CRN 262443-50-5

CMF C29 H32 F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-49-2 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-bromo-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

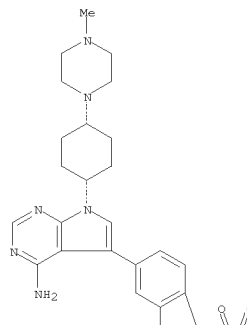
CM 1

CRN 262443-48-1

CMF C27 H30 Br Cl F N7 O2 S2

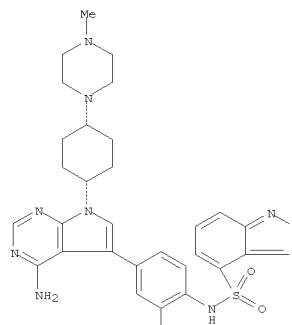
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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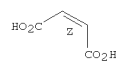


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-53-8 CAPLUS

CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

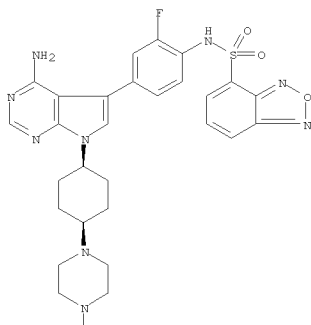
CRN 262443-52-7

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CMF C29 H32 F N9 O3 S

Relative stereochemistry.

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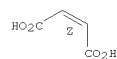
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

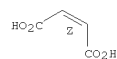


RN 262443-55-0 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-(cis-4-(4-methyl-1-

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



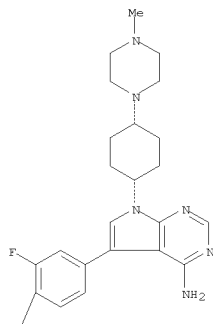
RN 262443-57-2 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-56-1  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

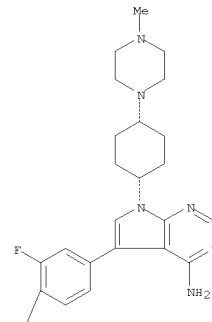
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

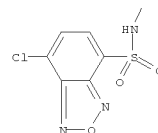
CRN 262443-54-9  
CMF C29 H31 Cl F N9 O3 S

Relative stereochemistry.

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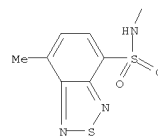
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CM 2

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

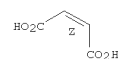
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-59-4 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

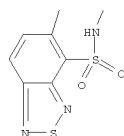
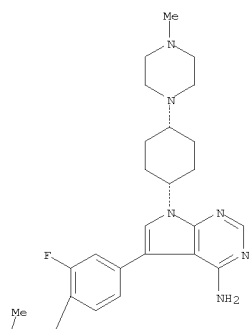
CM 1

CRN 262443-58-3  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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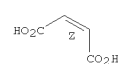


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



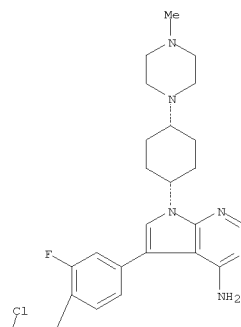
RN 262443-61-8 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-60-7  
CMF C29 H31 Cl F N9 O2 S2

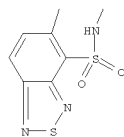
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

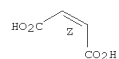
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-63-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-2-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

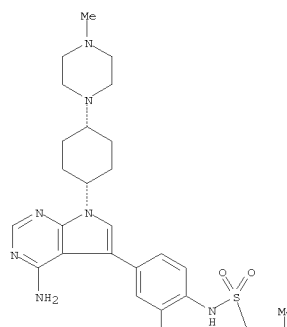
CM 1

CRN 262443-62-9  
CMF C30 H35 Cl F N7 O2 S

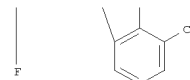
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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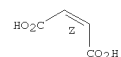
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-65-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

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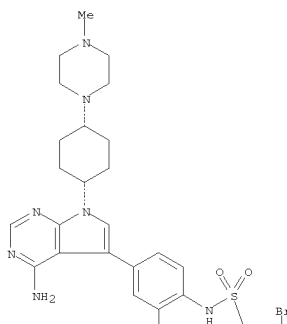
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

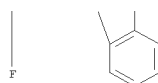
CRN 262443-64-1  
CMF C29 H33 Br F N7 O2 S

Relative stereochemistry.

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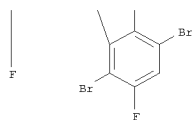
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

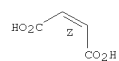
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-69-6 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-68-5  
CMF C30 H35 F N8 O4 S

Relative stereochemistry.

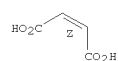
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

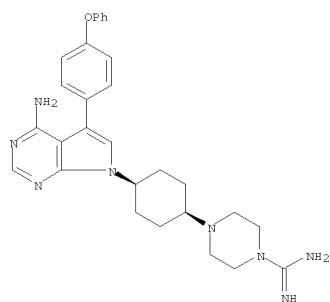


RN 262443-70-9 CAPLUS  
CN 1-Piperazinecarboximidamide, 4-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

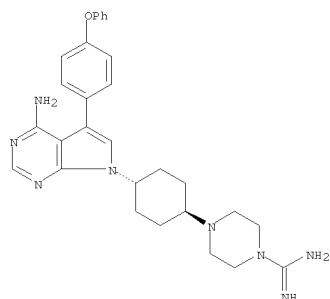
10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



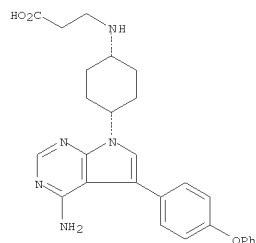
RN 262443-71-0 CAPLUS  
CN 1-Piperazinecarboximidamide, 4-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

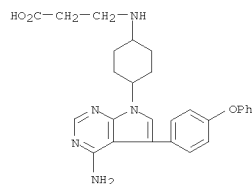


RN 262443-73-2 CAPLUS

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-75-4 CAPLUS  
CN beta-Alanine, N-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)



RN 262443-77-6 CAPLUS  
CN beta-Alanine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, ethyl ester, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 262443-76-5  
CMF C29 H33 N5 O3

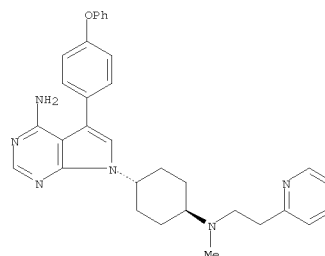
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[methyl[2-(2-pyridinyl)ethyl]amino]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-72-1  
CMF C32 H34 N6 O

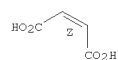
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

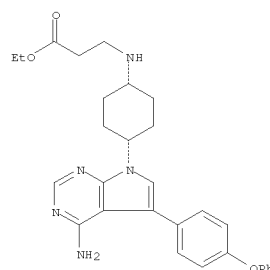
Double bond geometry as shown.



RN 262443-74-3 CAPLUS  
CN beta-Alanine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

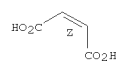
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



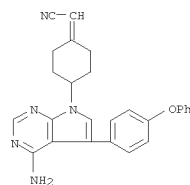
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



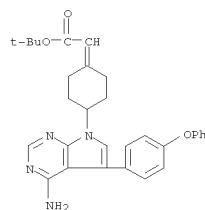
RN 262443-78-7 CAPLUS  
CN Acetonitrile, [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]- (9CI) (CA INDEX NAME)



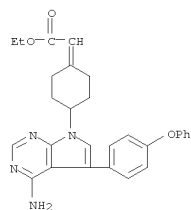
RN 262443-79-8 CAPLUS

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Acetic acid,  
 [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

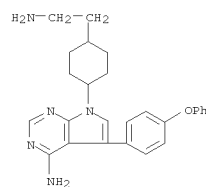


RN 262443-80-1 CAPLUS  
 CN Acetic acid,  
 [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]-, ethyl ester (9CI) (CA INDEX NAME)

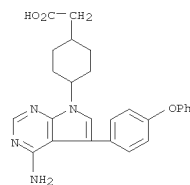


RN 262443-82-3 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(2-aminoethyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



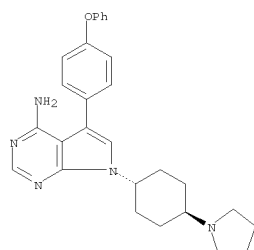
RN 262443-83-4 CAPLUS  
 CN Cyclohexanecarboxylic acid, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 262443-84-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

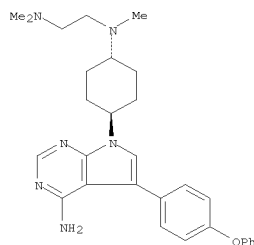


RN 262443-86-7 CAPLUS  
 CN 1,2-Ethanediamine,  
 N-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl-, (2Z)-2-butenedioate (1:3)  
 (9CI) (CA INDEX NAME)

CM 1

CRN 262443-85-6  
 CMF C29 H36 N6 O

Relative stereochemistry.

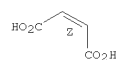


CM 2

CRN 110-16-7  
 CMF C4 H4 O4

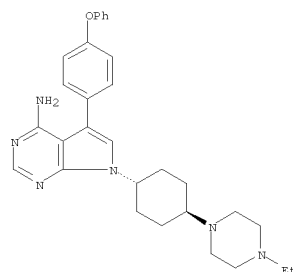
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.



RN 262443-87-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



RN 262443-88-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrrolidinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

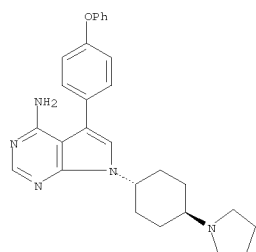
CM 1

CRN 262443-84-5  
 CMF C28 H31 N5 O

Relative stereochemistry.

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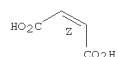
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-90-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)cyclohexyl]-5-(4-phenoxyphenyl)-, dihydrochloride (9CI)  
(CA INDEX NAME)

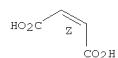
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

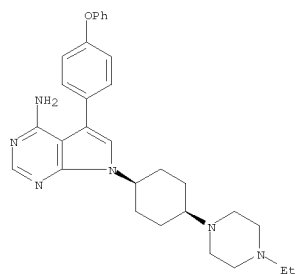


RN 262443-95-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-75-8  
CMF C30 H36 N6 O

Relative stereochemistry.

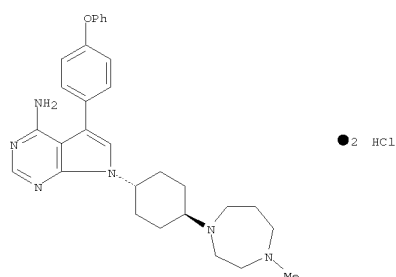


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

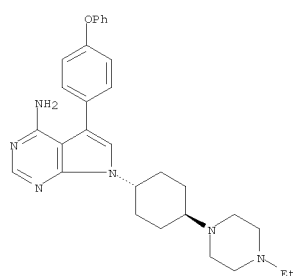


RN 262443-93-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

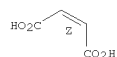
CM 1

CRN 262443-87-8  
CMF C30 H36 N6 O

Relative stereochemistry.



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

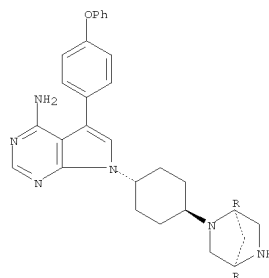


RN 262443-98-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-ylcyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262443-97-0  
CMF C29 H32 N6 O

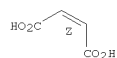
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-00-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-ylcyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

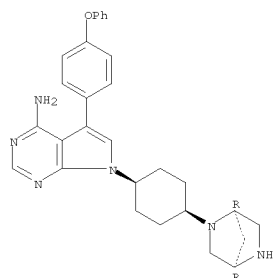
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262443-99-2  
CMF C29 H32 N6 O

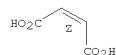
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

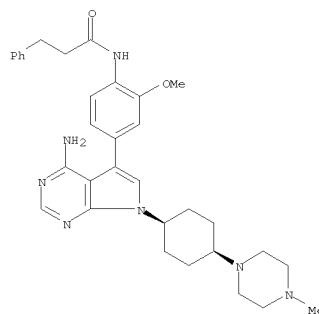


RN 262444-01-9 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-22-8  
CMF C33 H41 N7 O2

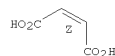
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

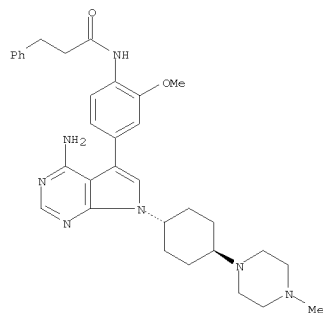
Double bond geometry as shown.



RN 262444-02-0 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



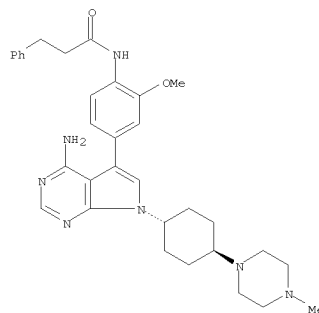
RN 262444-03-1 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-02-0  
CMF C33 H41 N7 O2

Relative stereochemistry.

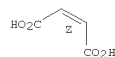
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



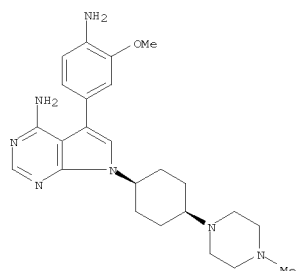
RN 262444-05-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



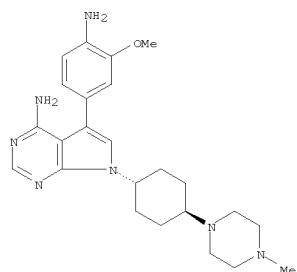
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



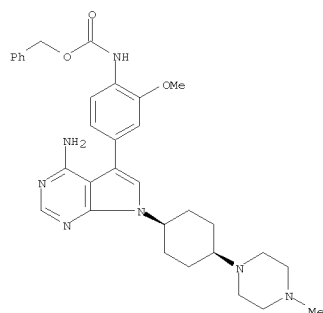
RN 262444-06-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(4-amino-3-methoxyphenyl)-7-[(trans-4-  
(4-methyl-1-piperazinyl)cyclohexyl)]- (CA INDEX NAME)

Relative stereochemistry.



RN 262444-07-5 CAPLUS  
CN Cyclohexanecarbonitrile, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
d]pyrimidin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

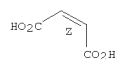
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



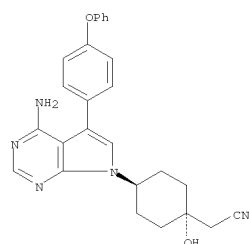
RN 262444-69-9 CAPLUS  
CN Benzanide, 2-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-6-[(3-methoxypropyl)amino]-,  
(1:3) (CA INDEX NAME)

CM 1

CRN 262442-81-9  
CMF C31 H37 N7 O2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



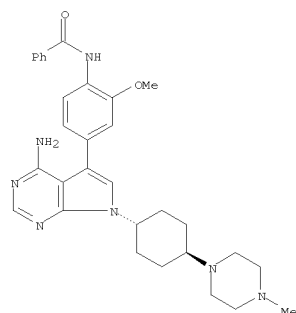
RN 262444-68-8 CAPLUS  
CN Carbamic acid,  
[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester,  
(2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262444-67-7  
CMF C32 H39 N7 O3

Relative stereochemistry.

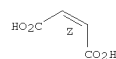
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-71-3 CAPLUS  
CN Benzonitrile, 2-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(3-methoxypropyl)amino]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

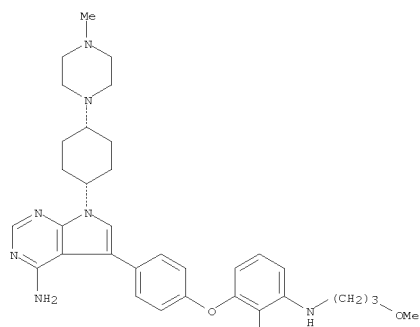
CRN 262444-70-2  
CMF C34 H42 N8 O2

Relative stereochemistry.

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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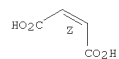
PAGE 2-A



CM 2

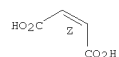
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-73-5 CAPLUS  
CN Benzonitrile,  
2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(3-methoxypropyl)amino]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



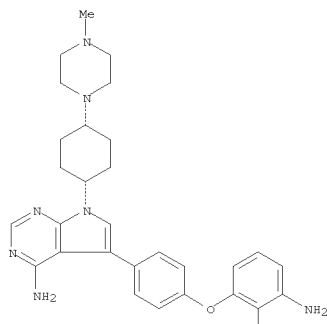
RN 262444-75-7 CAPLUS  
CN Benzonitrile, 2-amino-6-[4-[4-amino-7-[cis-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-74-6  
CMF C30 H34 N8 O

Relative stereochemistry.

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CM 2

CRN 110-16-7  
CMF C4 H4 O4

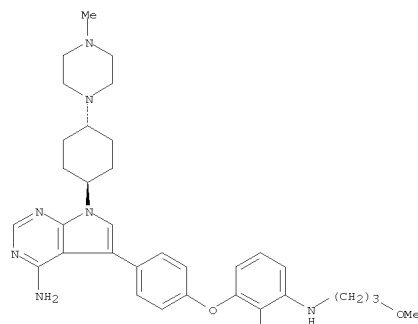
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262444-72-4  
CMF C34 H42 N8 O2

Relative stereochemistry.

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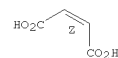
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.



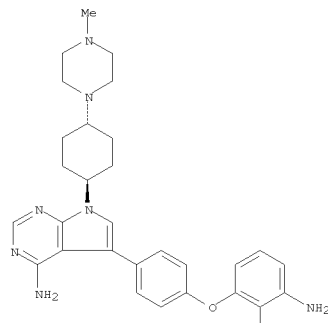
RN 262444-77-9 CAPLUS  
CN Benzonitrile, 2-amino-6-[4-[4-amino-7-[trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-76-8  
CMF C30 H34 N8 O

Relative stereochemistry.

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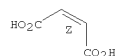


CM 2

10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



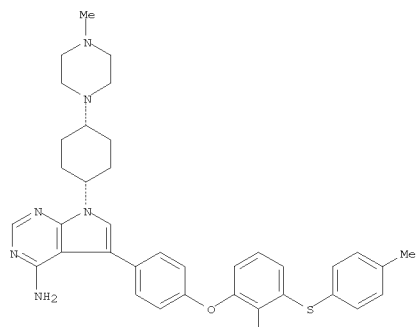
RN 262444-79-1 CAPLUS  
 CN Benzonitrile, 2-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(4-methylphenyl)thio]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-78-0  
 CMF C37 H39 N7 O S

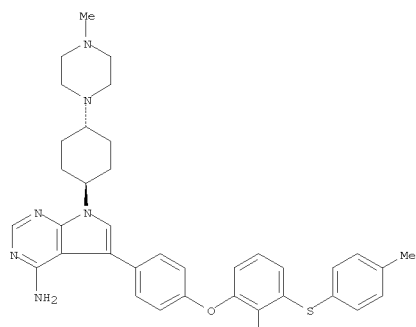
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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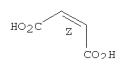
PAGE 2-A



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-83-7 CAPLUS  
 CN Benzonitrile, 2-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-(2-pyridinylthio)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-82-6  
 CMF C35 H36 N8 O S

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

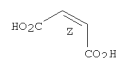
PAGE 2-A



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-81-5 CAPLUS  
 CN Benzonitrile, 2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(4-methylphenyl)thio]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

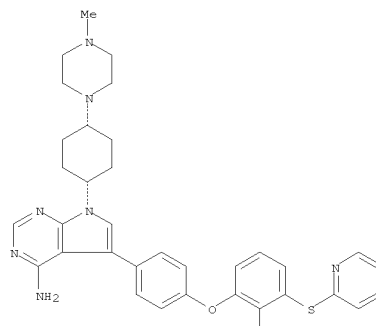
CRN 262444-80-4  
 CMF C37 H39 N7 O S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

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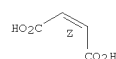
PAGE 2-A



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-85-9 CAPLUS  
 CN Benzonitrile, 2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-(2-pyridinylthio)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

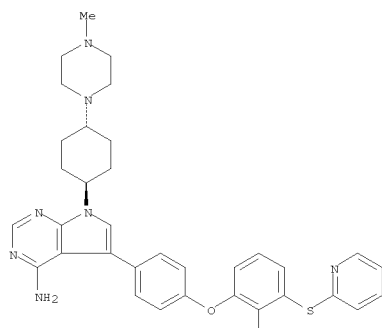
10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 262444-84-8  
CMF C35 H36 N8 O S

Relative stereochemistry.

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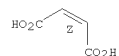


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



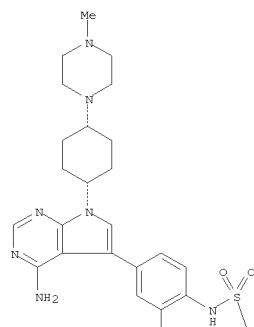
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

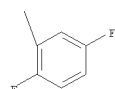
CRN 262444-88-2  
CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

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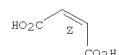
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



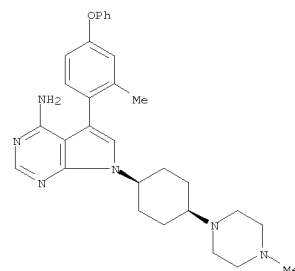
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262444-87-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(2-methyl-4-phenoxyphenyl)-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-86-0  
CMF C30 H36 N6 O

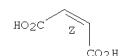
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-89-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

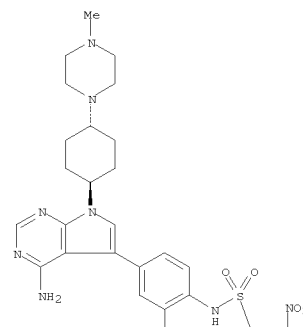
RN 262444-91-7 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-90-6  
CMF C29 H33 F N8 O4 S

Relative stereochemistry.

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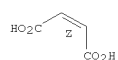


CM 2

CRN 110-16-7  
CMF C4 H4 O4

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Double bond geometry as shown.



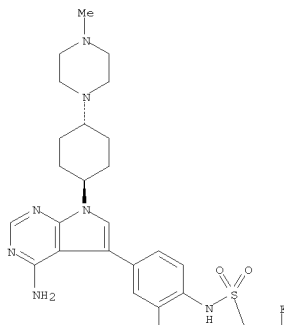
RN 262444-93-9 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-92-8  
CMF C29 H33 F2 N7 O2 S

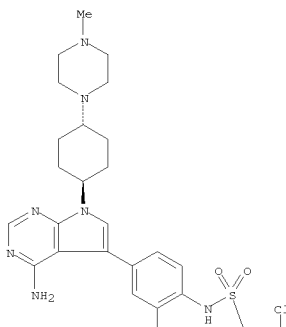
Relative stereochemistry.

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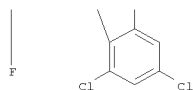


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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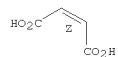
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

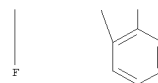
Double bond geometry as shown.



RN 262444-97-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

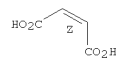
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-95-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4,6-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-94-0  
CMF C29 H31 Cl3 F N7 O2 S

Relative stereochemistry.

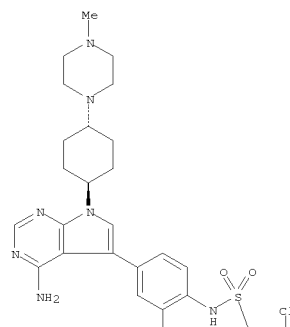
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

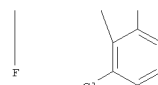
CRN 262444-96-2  
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

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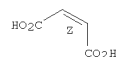
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



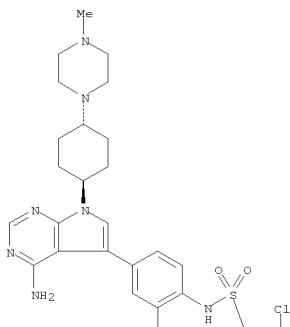
10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262444-99-5 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

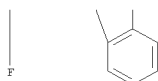
CM 1  
 CRN 262444-98-4  
 CMF C29 H33 Cl F N7 O2 S

Relative stereochemistry.

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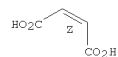
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CM 2

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

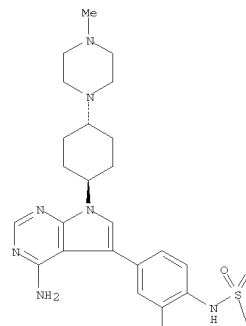


RN 262445-01-2 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

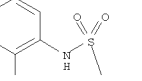
CM 1  
 CRN 262445-00-1  
 CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

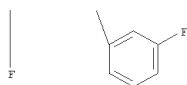
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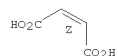


L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
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CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

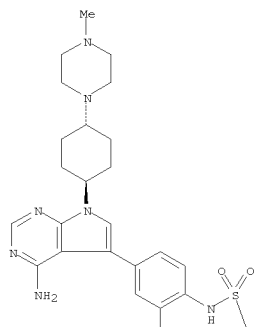


RN 262445-03-4 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

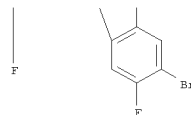
CM 1  
 CRN 262445-02-3  
 CMF C29 H31 Br F3 N7 O2 S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
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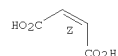


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CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-05-6 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-

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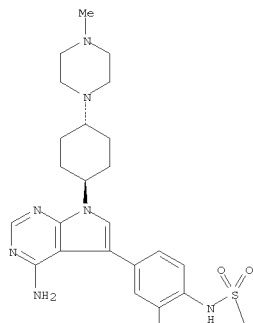
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

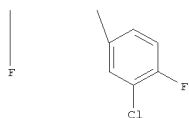
CRN 262445-04-5  
CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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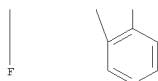


CM 2

CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

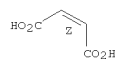
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-09-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-6-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

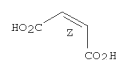
CM 1

CRN 262445-08-9  
CMF C30 H35 Cl F N7 O2 S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.



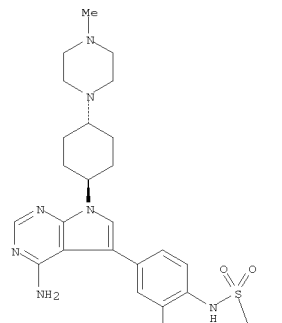
RN 262445-07-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-iodo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-06-7  
CMF C29 H33 F I N7 O2 S

Relative stereochemistry.

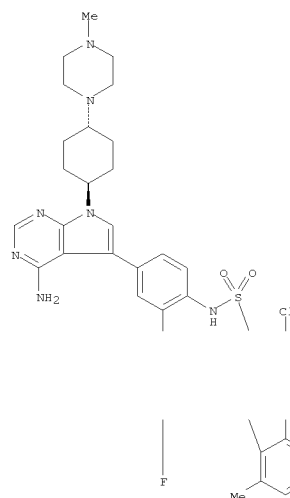
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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

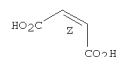
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-11-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-cyano-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

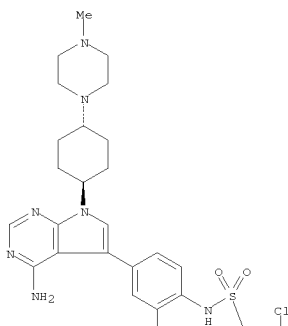
CM 1

CRN 262445-10-3

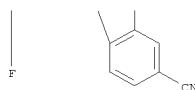
CMF C30 H32 Cl F N8 O2 S

Relative stereochemistry.

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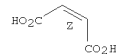
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262445-13-6 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

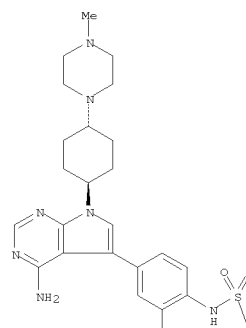
CM 1

CRN 262445-12-5

CMF C29 H32 F3 N7 O2 S

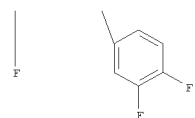
Relative stereochemistry.

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PAGE 1-A

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

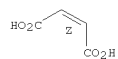


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-15-8 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-14-7

CMF C29 H32 Br F2 N7 O2 S

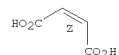
Relative stereochemistry.

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-17-0 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)



10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

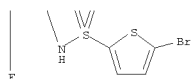
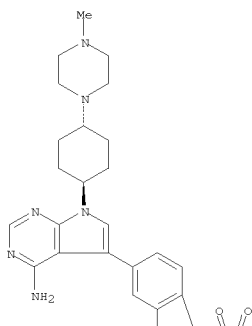
CM 1

CRN 262445-16-9

CMF C27 H31 Br F N7 O2 S2

Relative stereochemistry.

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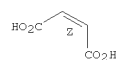
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262445-19-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

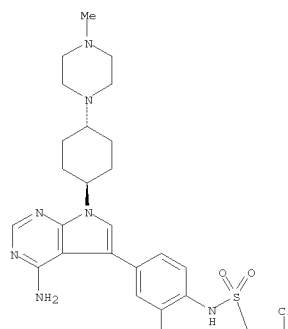
CM 1

CRN 262445-18-1

CMF C29 H32 Cl2 F N7 O2 S

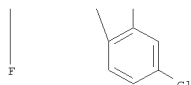
Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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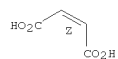


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-21-6 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

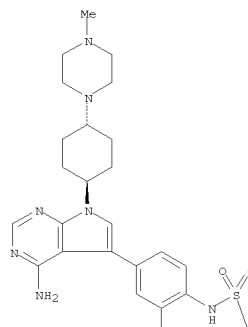
CRN 262445-20-5

CMF C29 H31 Cl3 F N7 O2 S

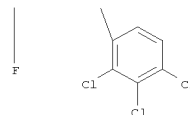
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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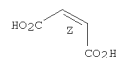


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-23-8 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-

10534427b.trn

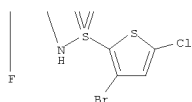
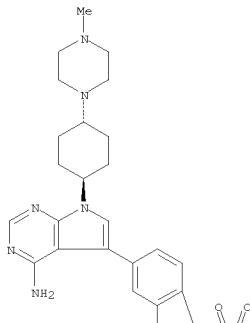
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
bromo-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-22-7  
CMF C27 H30 Br Cl F N7 O2 S2

Relative stereochemistry.

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CM 2

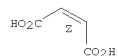
CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



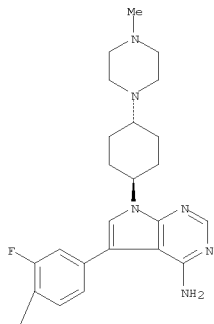
RN 262445-27-2 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

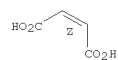
CRN 262445-26-1  
CMF C29 H31 Cl F N9 O3 S

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Double bond geometry as shown.



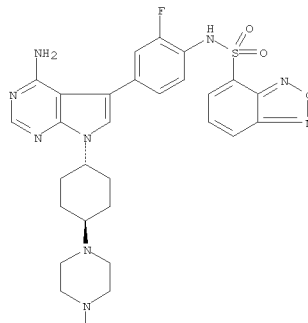
RN 262445-25-0 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-24-9  
CMF C29 H32 F N9 O3 S

Relative stereochemistry.

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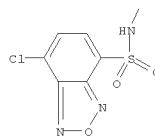


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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

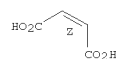
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-29-4 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

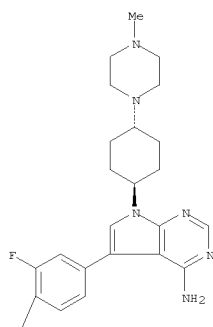
CM 1

CRN 262445-28-3  
CMF C30 H34 F N9 O2 S2

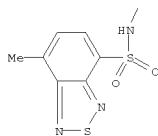
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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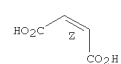


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262445-31-8 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide,  
N-[4-((4-amino-7-((trans-4-(4-methyl-1-

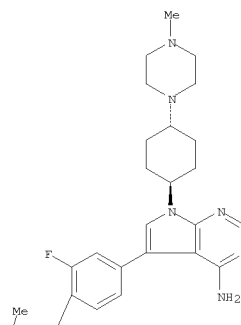
piperazinyl)cyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-30-7  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

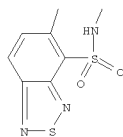
PAGE 1-A



PAGE 1-A

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

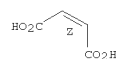
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

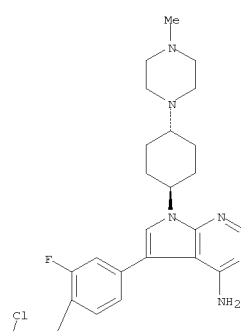
RN 262445-33-0 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide,  
N-[4-((4-amino-7-((trans-4-(4-methyl-1-piperazinyl)cyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl)-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

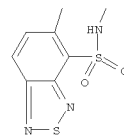
CRN 262445-32-9  
CMF C29 H31 Cl F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



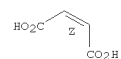
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

RN 262445-35-2 CAPLUS  
CN Benzenesulfonamide, N-[4-((4-amino-7-((trans-4-(4-methyl-1-

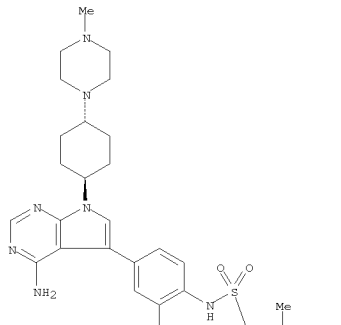
10534427b.trn

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-2-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

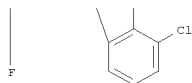
CM 1  
 CRN 262445-34-1  
 CMF C30 H35 Cl F N7 O2 S

Relative stereochemistry.

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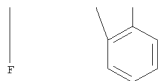
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CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

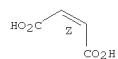
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



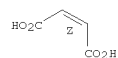
RN 262445-39-6 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-dibromo-3,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
 CRN 262445-38-5  
 CMF C29 H30 Br2 F3 N7 O2 S

Relative stereochemistry.

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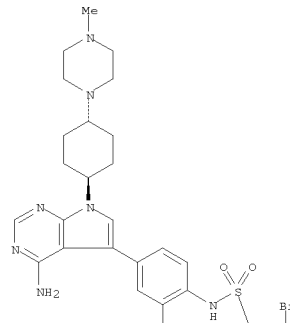
L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 Double bond geometry as shown.



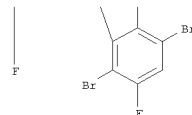
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CM 1  
 CRN 262445-36-3  
 CMF C29 H33 Br F N7 O2 S

Relative stereochemistry.

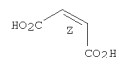


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CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-41-0 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-

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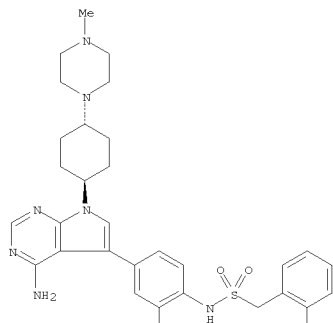
L5  ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN          (Continued)
    nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM   1

CRN  262445-40-9
CMF  C3O H35 F N8 O4 S

Relative stereochemistry.

```



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|  
F

|  
NO<sub>2</sub>

CM 2

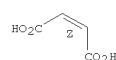
CFN 110-16-7

CMF C4 H4 O4

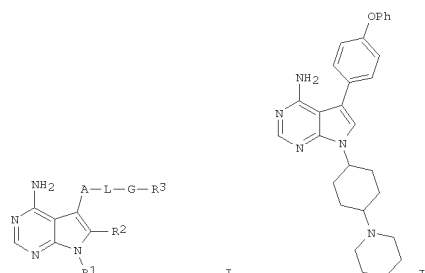
Double bond geometrv as shown.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Na[AcO]3BH], workup and chromatog., gave cis- and trans-II.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



GT



AB The title compds. I [A = (un)substituted 6-membered aromatic ring, 5-6 membered heteroarom. ring; L = O, S, SO, SO<sub>2</sub>, etc.; G = a direct bond, [CH<sub>2</sub>] (wherein j = 1-6), alkenylene, cycloalkylene, oxalkylene; R1 = alkyl, cycloalkyl, bicycloalkyl, etc.; R2 = H, alkyl, cycloalkyl, halo etc.; R3 = alkyl, alkenyl, cycloalkyl, etc.] and physiolo. acceptable salts and metabolites thereof, are inhibitors of serine/threonine and tyrosine kinase activity. Several of the kinases, whose activity is inhibited by compds. I, are involved in immunol. hyperproliferative, or angiogenic processes. Thus, the compds. I can alleviate disease states where angiogenesis or endothelial cell hyperproliferation is a factor. These compds. can be used to treat cancer and hyperproliferative disorders, rheumatoid arthritis, disorders of the immune system, transplant rejections and inflammatory disorders. All exemplified compds. I significantly inhibited either FGFR, PDGFR, KDR, Tie-2, Lck, Fyn, Btk, Lyn, or Src at ≤50 μM, and some significantly inhibited cdc2 at ≤50 μM. 546 Example preps. are included. For example, addition of epiridine to

4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexanone in DCE and AcOH, followed by treatment with

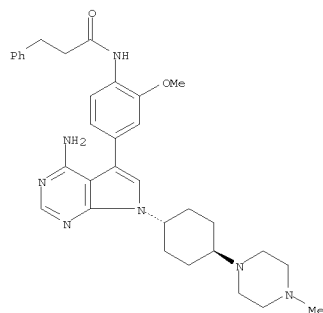
15 ANSWER 10 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
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 and its use for identifying inhibitors  
 INVENTOR(S): Borhani, David W.; Calderwood, David; Dixon, Richard  
 W.; Hirst, Gavin C.; Hucula, Peter; Loew, Andreas;  
 Leung, Adelaine; Ritter, Kurt  
 PATENT ASSIGNEE(S): Abbott Laboratories, USA  
 SOURCE: PCT Int. Appl., 994 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003020880	A2	2003030313	WO 2002-US24546	20020802
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MK, NE, NI, TD, TG			
AU 200327422	A1	2003030318	AU 2002-327422	20020802
US 2003175935	A1	2003030318	US 2002-327426	20020805
PRIORITY APPLN. INFO.:			US 2001-310051P	P 20010803
			WO 2002-24546	W 20020802

IT 262444-02-0D, complexes with Lck kinase catalytic domain  
364042-47-7D, complexes with Lck kinase catalytic domain  
RL: BUU (Biological use, unclassified); PRP (Properties); THU  
(Therapeutic use); BIOL (Biological study); USES (Uses)  
(crystal structure of human protein tyrosine kinase Lck and its use  
for identifying inhibitors)  
RN 262444-02-0 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-  
(CA INDEX NAME)  
  
Relative stereochemistrv.

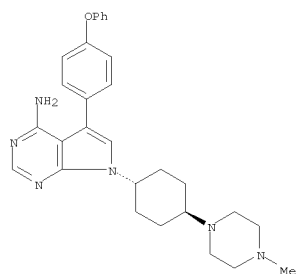
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L5 ANSWER 10 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364042-47-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)-5-(4-phenoxyphenyl)]- (CA INDEX NAME)

Relative stereochemistry.



AB The present invention relates to polypeptides which comprise the ligand binding domain of Lck, crystalline forms of these polypeptides, and the use of

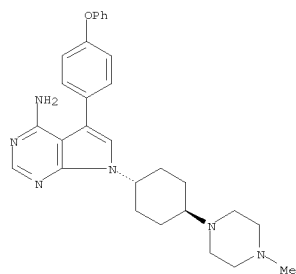
L5 ANSWER 10 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
these cryst. forms to det. the 3-dimensional structure of the catalytic domain of Lck. The invention also relates to the use of the 3-dimensional structure of the Lck catalytic domain both alone, or in complex with inhibitors, in methods of designing and/or identifying potential inhibitors of Lck activity, for example, compds. which inhibit the binding of a native substrate to the Lck catalytic domain. The invention also relates to the use of the 3-dimensional structure of the Lck catalytic domain both alone, or in complex with inhibitors, in methods of designing and/or identifying potential selective inhibitors of Lck activity, for example, compds. which inhibit the binding of a native substrate to the Lck catalytic domain selectively.

L5 ANSWER 11 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:407945 CAPLUS  
DOCUMENT NUMBER: 138:49367  
TITLE: Pyrazolo[3,4-d]pyrimidines containing an extended 3-substituent as potent inhibitors of Lck - a selectivity insight  
AUTHOR(S): Burchat, Andrew F.; Calderwood, David J.; Friedman, Michael M.; Hirst, Gavin C.; Li, Biqin; Rafferty, Paul; Ritter, Kurt; Skinner, Barbara S.  
CORPORATE SOURCE: Abbott Bioresearch Center, Worcester, MA, 01605-5314, USA  
SOURCE: Bioorganic & Medicinal Chemistry Letters (2002), 12(12), 1687-1690  
CODEN: BMCLE8; ISSN: 0960-894X  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 138:49367  
IT 364042-47-7

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(structure-activity relationship of substituted pyrazolopyrimidines as potent inhibitors of Lck)

RN 364042-47-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)-5-(4-phenoxyphenyl)]- (CA INDEX NAME)

Relative stereochemistry.



AB A series of para-substituted 3-Ph pyrazolopyrimidines was synthesized and evaluated as inhibitors of lck. The nature of the substitution affected enzyme selectivity and potency for lck, src, kdr, and tie-2. One of the para-phenoxyphenyl pyrazolopyrimidine analog is an orally active lck inhibitor with a bioavailability of 69% and exhibits an extended duration of action in animal models of T cell inhibition.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS

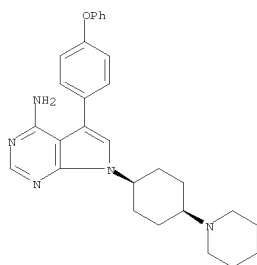
FORMAT

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L5 ANSWER 12 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:407944 CAPLUS  
 DOCUMENT NUMBER: 138:49366  
 TITLE: Pyrrolo[2,3-d]pyrimidines containing diverse N-7 substituents as potent inhibitors of Lck  
 AUTHOR(S): Calderwood, David J.; Johnston, David N.; Munschauer, Rainer; Rafferty, Paul  
 CORPORATE SOURCE: Abbott Bioresearch Center, Worcester, MA, 01605-5314, USA  
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2002), 12(12), 1683-1686  
 CODEN: BMCLE8; ISSN: 0960-894X  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 138:49366  
 IT 262441-49-6P 262441-90-7P 479501-40-1P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (structure-activity relationship studies on pyrrolo pyrimidines as potent inhibitors of Lck kinase)  
 RN 262441-49-6 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-piperidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

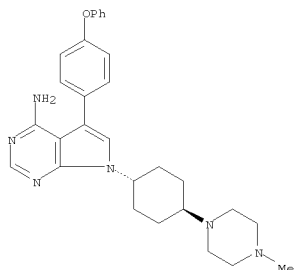


RN 262441-90-7 CAPLUS  
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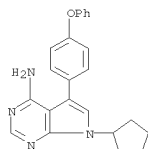
Relative stereochemistry.

L5 ANSWER 12 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



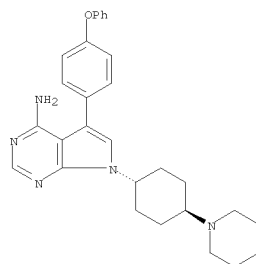
IT 213743-31-8  
 RL: PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (structure-activity relationship studies on pyrrolo pyrimidines as potent inhibitors of Lck kinase)  
 RN 213743-31-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)



AB A series of pyrrolo[2,3-d]pyrimidines was synthesized and structure-activity relationship was evaluated as inhibitors of Lck. Lck accommodates a diverse set of substituents at N-7. Altering the substituent at N-7 provided another compound, an orally available lck inhibitor which inhibited TCR mediated IL-2 production after oral dosing.  
 REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE

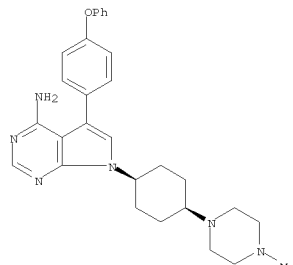
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L5 ANSWER 12 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 479501-40-1 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



IT 364042-47-7P  
 RL: PKT (Pharmacokinetics); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (structure-activity relationship studies on pyrrolo pyrimidines as potent inhibitors of Lck kinase)  
 RN 364042-47-7 CAPLUS

L5 ANSWER 12 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

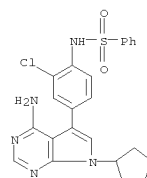
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L5 ANSWER 13 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:730771 CAPLUS  
 DOCUMENT NUMBER: 135:283162  
 TITLE: Method of identifying inhibitors of receptor tyrosine kinase Tie-2 for regulation of neovascularization  
 INVENTOR(S): Bump, Nancy J.; Arnold, Lee D.; Dixon, Richard W.; Hoeffken, Hans Wolfgang; Allen, Karen; Bellamacina, Cornelia  
 PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 244 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072778	A2	20011004	WO 2001-US8853	20010320
WO 2001072778	A3	20020502		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2404532	A1	20011004	CA 2001-2404532	20010320
EP 1268549	A2	20030102	EP 2001-962417	20010320
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004514405	T	20040520	JP 2001-571709	20010320
US 2003082622	A1	20030501	US 2001-815341	20010322
MX 2002PA09543	A	20050826	MX 2002-PA9543	20020927
US 2000-192920P P 20000329				
PRIORITY APPLN. INFO.: WO 2001-US8853 W 20010320				

IT 262432-51-9 262442-64-8 262442-90-0  
 364042-47-7  
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses) (identifying inhibitors of receptor tyrosine kinase Tie-2 for regulation of neovascularization)  
 RN 262432-51-9 CAPLUS  
 CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]- (CA INDEX NAME)

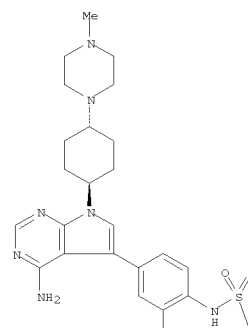
L5 ANSWER 13 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



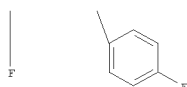
RN 262442-64-8 CAPLUS  
 CN Benzenesulfonamide, N-[4-(4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



L5 ANSWER 13 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

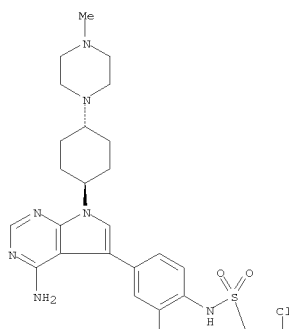


PAGE 2-A

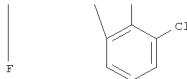
RN 262442-90-0 CAPLUS  
 CN Benzenesulfonamide, N-[4-(4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



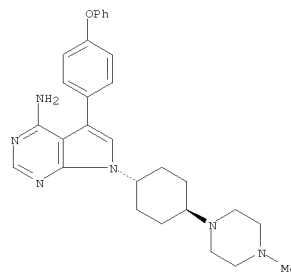
PAGE 2-A



RN 364042-47-7 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

L5 ANSWER 13 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



AB The present invention relates to polypeptides which comprise the ligand binding domain of Tie-2, crystalline forms of these polypeptides and the use of these crystalline forms to determine the three dimensional structure of the catalytic domain of Tie-2. The invention also relates to the use of the three dimensional structure of the Tie-2 catalytic domain both alone, or in complex with inhibitors, in methods of designing and/or identifying potential inhibitors of Tie-2 activity, for example, compds. which inhibit the binding of a native substrate to the Tie-2 catalytic domain. Receptors which are responsible for neovascularization include the receptor tyrosine kinases Tie-1 and Tie-2.



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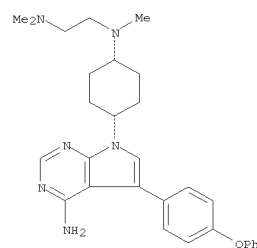
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:730744 CAPLUS  
 DOCUMENT NUMBER: 135:288790  
 TITLE: Pyrrolopyrimidines as tyrosine kinase inhibitors  
 INVENTOR(S): Hirst, Gavin C.; Calderwood, David; Munschauer, Rainer; Arnold, Lee D.; Johnston, David N.; Rafferty, Paul  
 PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 453 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072751	AI	20011004	WO 2000-US8593	20000329
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			WO 2000-US8593	20000329

OTHER SOURCE(S): MARPAT 135:288790  
 IT 262441-65-6P 262442-06-8P 262443-85-6P  
 262444-23-5P 262444-24-6P 262444-27-9P  
 262444-28-0P 262444-34-8P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (intermediate; preparation of pyrrolopyrimidinamines as protein kinase inhibitors)  
 RN 262441-65-6 CAPLUS  
 CN 1,2-Ethanediamine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

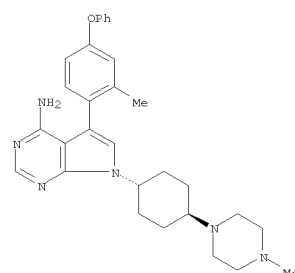
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-06-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(2-methyl-4-phenoxyphenyl)-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

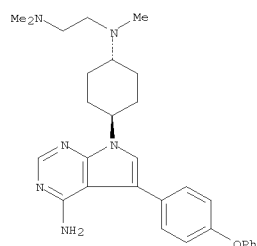
Relative stereochemistry.



RN 262443-85-6 CAPLUS  
 CN 1,2-Ethanediamine, N-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

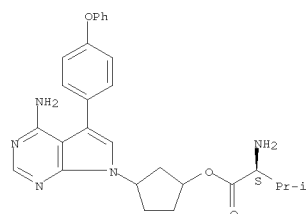
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



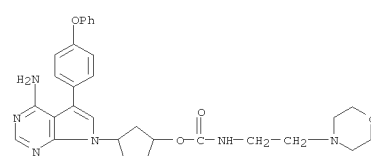
RN 262444-23-5 CAPLUS  
 CN L-Valine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (CA INDEX NAME)

Absolute stereochemistry.



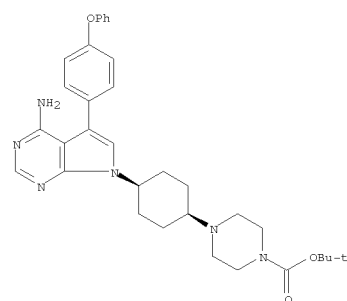
RN 262444-24-6 CAPLUS  
 CN Carbamic acid, [2-(4-morpholinyl)ethyl]-, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-27-9 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Relative stereochemistry.

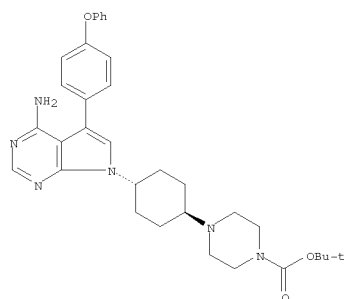


RN 262444-28-0 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

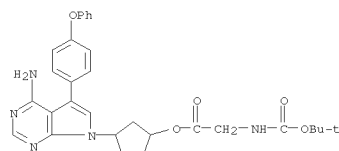
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

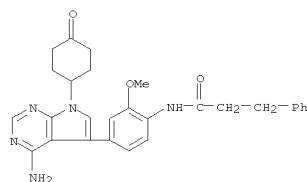


RN 262444-34-8 CAPLUS  
CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (CA INDEX NAME)

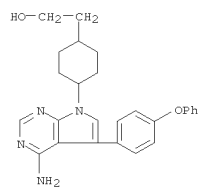


IT 262444-29-1P 262444-50-8P 262444-51-9P  
364354-37-0P 364354-38-1P 364354-50-7P  
364355-30-6P 364355-31-7P 364355-36-2P  
364355-42-0P 364355-99-7P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(intermediate; preparation of pyrrolopyrimidinamines as protein kinase inhibitors)  
RN 262444-29-1 CAPLUS  
CN Cyclopentanone, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-

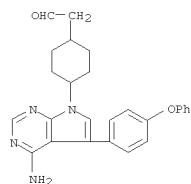
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-37-0 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)



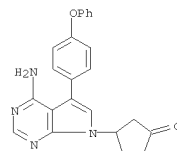
RN 364354-38-1 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)



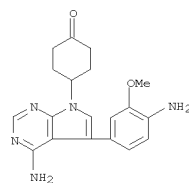
RN 364354-50-7 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

Page 138

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

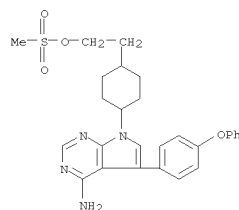


RN 262444-50-8 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)



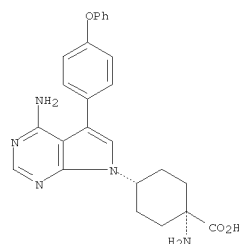
RN 262444-51-9 CAPLUS  
CN Benzene propanamide, N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-30-6 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

Relative stereochemistry.

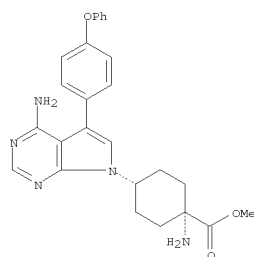


RN 364355-31-7 CAPLUS  
CN Cyclohexanecarboxylic acid, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, methyl ester, cis- (CA INDEX NAME)

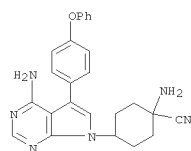
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-36-2 CAPLUS  
CN Cyclohexanecarbonitrile, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 364355-42-0 CAPLUS  
CN Cyclohexanone, 4-[4-amino-5-[4-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

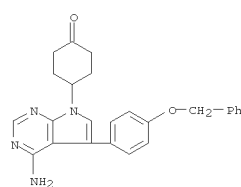
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364354-81-4P 364354-85-8P 364354-86-9P  
364354-90-5P 364354-94-9P 364354-95-0P  
364354-97-2P, Cis-4-[4-Amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[2-[(1H-imidazol-2-ylmethyl)amino]ethyl]-1-cyclohexanol diacetate 364354-98-3P 364354-99-4P  
364355-00-0P 364355-01-1P 364355-02-2P  
364355-03-3P 364355-04-4P 364355-06-6P,  
Trans-1-(Aminomethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-cyclohexanol diacetate 364355-07-7P  
364355-08-8P 364355-09-9P 364355-10-2P  
364355-11-3P 364355-12-4P 364355-13-5P  
364355-14-6P 364355-15-7P 364355-16-8P  
364355-18-0P 364355-19-1P 364355-20-4P  
364355-21-5P 364355-22-6P 364355-23-7P  
364355-24-8P 364355-25-9P 364355-29-3P,  
Cis-4-[4-Amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-ammoniocyclohexylmethanol acetate 364355-33-9P  
364355-35-1P 364355-40-8P 364355-41-9P  
364355-51-1P 364355-53-3P 364355-56-6P  
364355-57-7P 364355-58-8P 364355-59-9P  
364355-60-2P 364355-62-4P 364355-63-5P  
364355-64-6P 364355-65-7P 364355-66-8P  
364355-68-0P 364355-71-5P 364355-75-9P  
364355-76-0P 364355-77-1P 364355-78-2P  
364355-79-3P 364355-80-6P 364355-81-7P  
364355-82-8P 364355-83-9P 364355-84-0P  
364355-85-1P 364355-86-2P 364355-87-3P  
364355-88-4P 364355-89-5P 364355-90-8P  
364355-91-9P 364355-92-0P 364355-93-1P  
364355-96-4P 364355-97-5P 364356-05-8P  
364356-08-1P 364356-11-6P 364356-13-8P

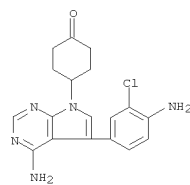
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of pyrrolopyrimidinamines as protein kinase inhibitors)  
RN 262442-50-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

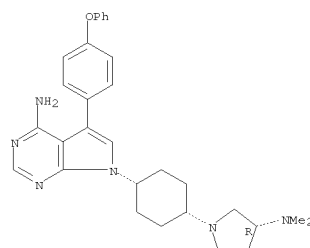


RN 364355-99-7 CAPLUS  
CN Cyclohexanone, 4-[4-amino-5-(4-amino-3-chlorophenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



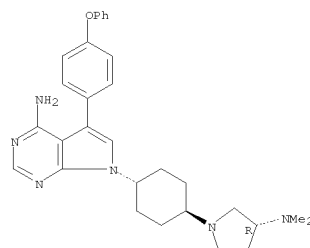
IT 262442-50-2P 262442-56-8P 262442-90-0P  
364353-91-3P 364353-94-6P 364353-96-8P  
364354-00-7P 364354-01-8P 364354-05-2P  
364354-08-5P 364354-14-3P 364354-16-5P  
364354-17-6P 364354-19-8P 364354-21-2P  
364354-26-7P 364354-27-8P 364354-28-9P  
364354-32-5P 364354-36-9P 364354-39-2P  
364354-40-5P 364354-41-6P 364354-42-7P  
364354-43-8P 364354-44-9P 364354-45-0P  
364354-46-1P 364354-47-2P 364354-48-3P  
364354-51-8P 364354-52-9P 364354-53-0P  
364354-54-1P 364354-55-2P 364354-56-3P  
364354-57-4P 364354-59-6P 364354-60-9P  
364354-61-0P 364354-62-1P 364354-63-2P  
364354-64-3P 364354-65-4P 364354-66-5P  
364354-68-7P 364354-69-8P 364354-70-1P  
364354-71-2P 364354-72-3P 364354-73-4P  
364354-74-5P 364354-75-6P 364354-80-3P

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-56-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Absolute stereochemistry.



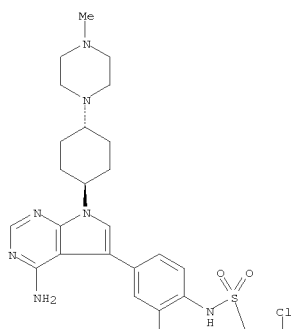
RN 262442-90-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)

Relative stereochemistry.

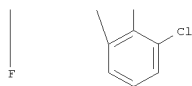
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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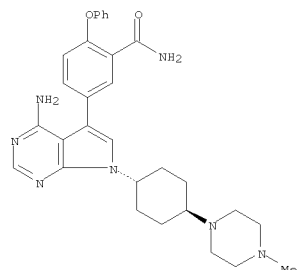
RN 364353-91-3 CAPLUS  
CN Benzonitrile,  
5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy-, diacetate (9CI) (CA INDEX  
NAME)

CM 1

CRN 364353-90-2  
CMF C30 H33 N7 O

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

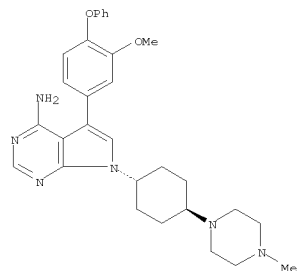


RN 364353-96-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-methoxy-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]-, diacetate (9CI) (CA INDEX NAME)

CM 1

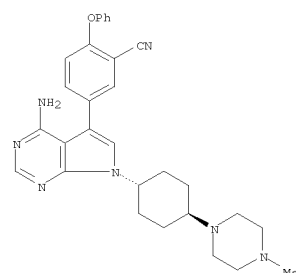
CRN 364353-95-7  
CMF C30 H36 N6 O2

Relative stereochemistry.



CM 2

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 364353-94-6 CAPLUS  
CN Benzanide, 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy- (CA INDEX NAME)

Relative stereochemistry.

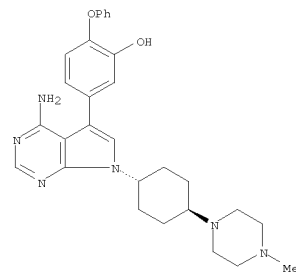
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 64-19-7  
CMF C2 H4 O2



RN 364354-00-7 CAPLUS  
CN Phenol, 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy- (CA INDEX NAME)

Relative stereochemistry.

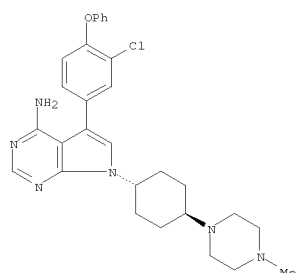


RN 364354-01-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-chloro-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

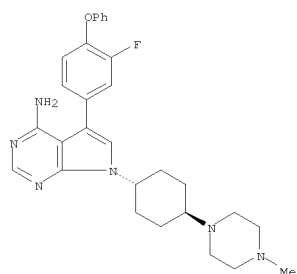


RN 364354-05-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-fluoro-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]-, diacetate (9CI) (CA INDEX NAME)

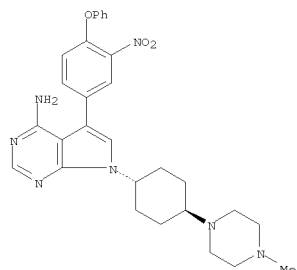
CM 1

CRN 364354-04-1  
CMF C29 H33 F N6 O

Relative stereochemistry.



L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 364354-16-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-amino-4-phenoxyphenyl)-7-[trans-4-  
(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

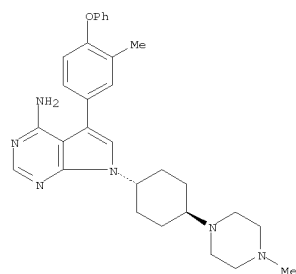
CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 364354-08-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(3-methyl-4-phenoxyphenyl)-7-[trans-  
4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



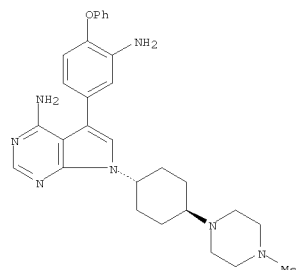
RN 364354-14-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-5-(3-nitro-4-phenoxyphenyl)-, monoacetate (9CI)  
(CA INDEX NAME)

CM 1

CRN 364354-13-2  
CMF C29 H33 N7 O3

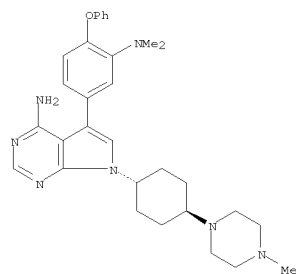
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-17-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[3-(dimethylamino)-4-phenoxyphenyl]-  
7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



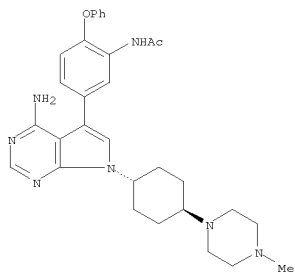
RN 364354-19-8 CAPLUS  
CN Acetamide,  
N-[5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxyphenyl]-, monoacetate (9CI) (CA  
INDEX NAME)

CM 1

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CRN 364354-18-7  
 CMF C31 H37 N7 O2

Relative stereochemistry.



CM 2

CRN 64-19-7  
 CMF C2 H4 O2



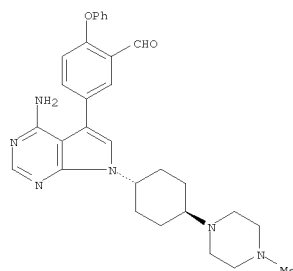
RN 364354-21-2 CAPLUS  
 CN Benzaldehyde,  
 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 364354-20-1  
 CMF C30 H34 N6 O2

Relative stereochemistry.

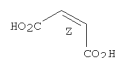
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



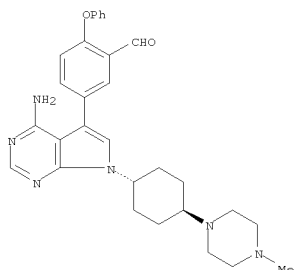
RN 364354-26-7 CAPLUS  
 CN Benzaldehyde,  
 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-phenoxy-, diacetate (9CI) (CA INDEX NAME)

CM 1

CRN 364354-20-1  
 CMF C30 H34 N6 O2

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



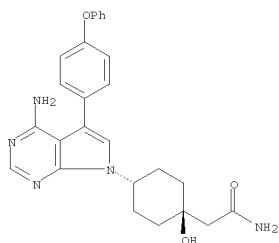
CM 2

CRN 64-19-7  
 CMF C2 H4 O2



RN 364354-27-8 CAPLUS  
 CN Cyclohexanecetamide, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

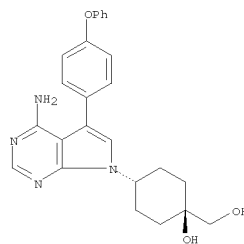
Relative stereochemistry.



L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

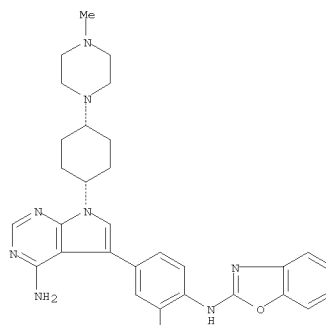
RN 364354-28-9 CAPLUS  
 CN Cyclohexanemethanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

Relative stereochemistry.



RN 364354-32-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-(2-benzoxazolylamino)-3-fluorophenyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

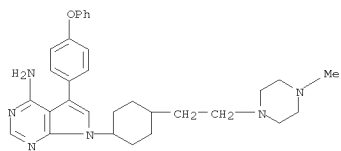


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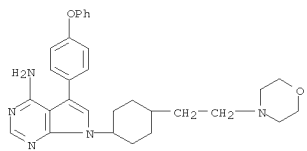
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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RN 364354-36-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(4-methyl-1-piperazinyl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

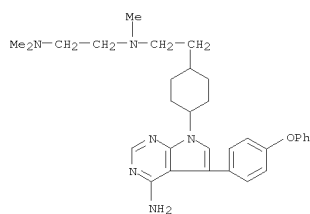


RN 364354-39-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(4-morpholinyl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

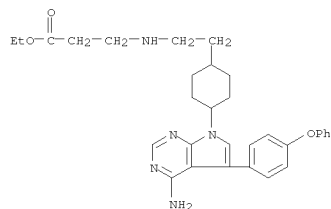


RN 364354-40-5 CAPLUS  
 CN Cyclohexanecetamide, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-N-methyl- (CA INDEX NAME)

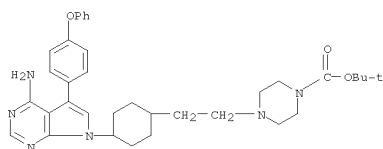
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



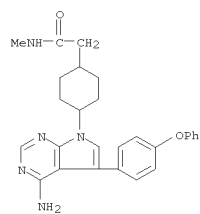
RN 364354-43-8 CAPLUS  
 CN β-Alanine, N-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]ethyl]-, ethyl ester (CA INDEX NAME)



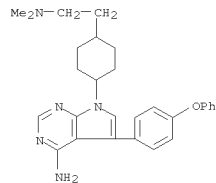
RN 364354-44-9 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]ethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



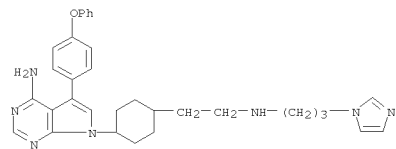
RN 364354-41-6 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(dimethylamino)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)



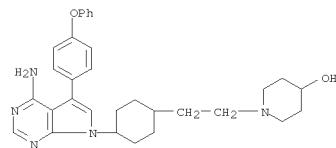
RN 364354-42-7 CAPLUS  
 CN 1,2-Ethanediamine, N-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]ethyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

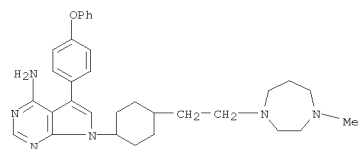
RN 364354-45-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-[[3-(1H-imidazol-1-yl)propyl]amino]ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)



RN 364354-46-1 CAPLUS  
 CN 4-Piperidinol, 1-[2-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]ethyl]- (CA INDEX NAME)



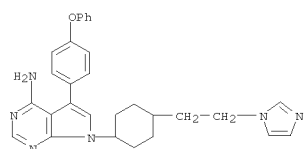
RN 364354-47-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)



RN 364354-48-3 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(1H-imidazol-1-yl)ethyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

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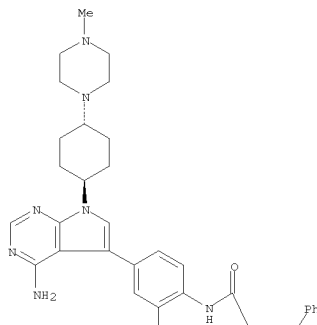
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-51-8 CAPLUS  
CN Cyclopropanecarboxamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenyl- (CA INDEX NAME)

Relative stereochemistry.

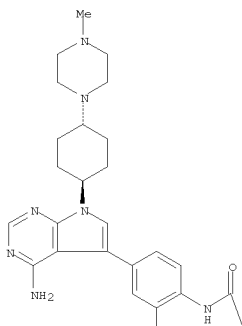
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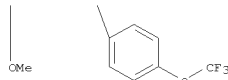
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RN 364354-53-0 CAPLUS  
CN Benzamide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

Relative stereochemistry.

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RN 364354-54-1 CAPLUS  
CN Benzamide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

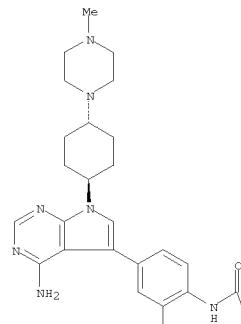


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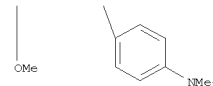
RN 364354-52-9 CAPLUS  
CN Benzamide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(dimethylamino)- (CA INDEX NAME)

Relative stereochemistry.

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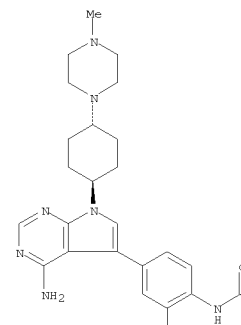


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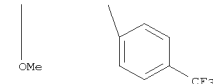


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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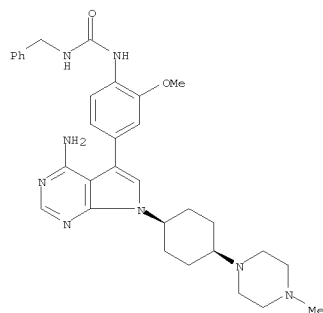
RN 364354-55-2 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-N'-(phenylmethyl)- (CA INDEX NAME)

Relative stereochemistry.



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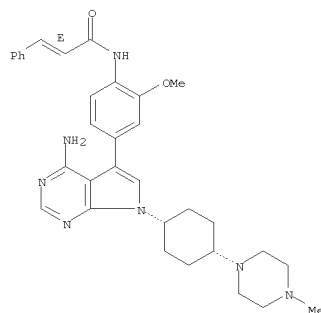
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-56-3 CAPLUS  
CN 2-Propenamide,  
N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-phenyl-, (2E)- (CA  
INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

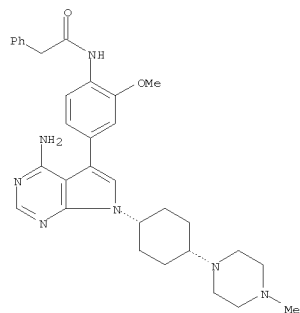
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-57-4 CAPLUS  
CN Benzeneacetamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-  
(CA INDEX NAME)

Relative stereochemistry.

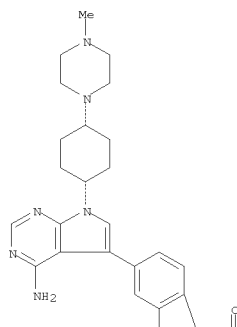
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



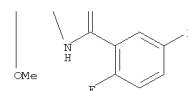
RN 364354-59-6 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,5-difluoro- (CA INDEX  
NAME)

Relative stereochemistry.

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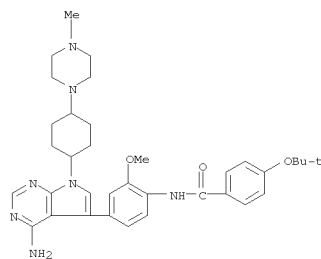


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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RN 364354-60-9 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(1,1-dimethylethoxy)-  
(CA INDEX NAME)

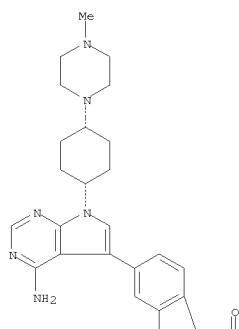


RN 364354-61-0 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-fluoro- (CA INDEX NAME)

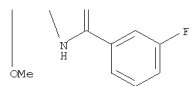
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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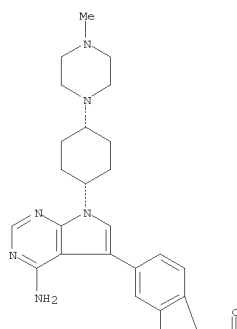


RN 364354-62-1 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,5-dimethoxy- (CA INDEX NAME)

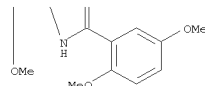
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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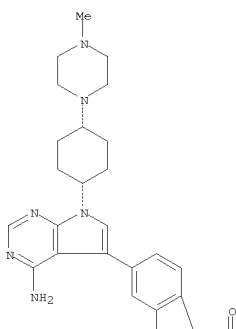


RN 364354-63-2 CAPLUS  
 CN 1,3-Benzodioxole-5-carboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

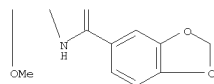
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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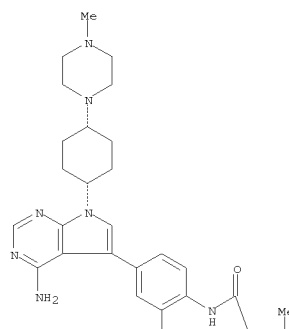


RN 364354-64-3 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dimethyl- (CA INDEX NAME)

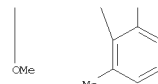
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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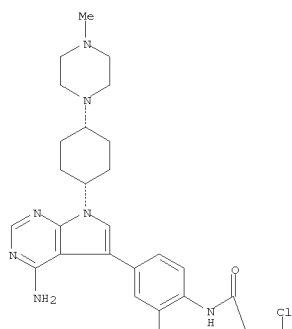
RN 364354-65-4 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-4-fluoro- (CA INDEX NAME)

Relative stereochemistry.

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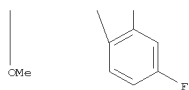
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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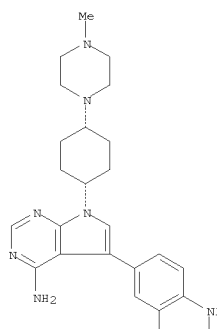
RN 364354-66-5 CAPLUS  
CN 2,1,3-Benzoxadiazole-5-carboxamide, N-[4-[4-amino-7-[(1S,2S)-1-methyl-2-[[4-(2-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-1-piperazinyl]cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-1-methyl-5-propyl- (CA INDEX NAME)  
Relative stereochemistry.

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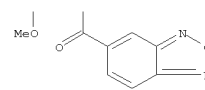
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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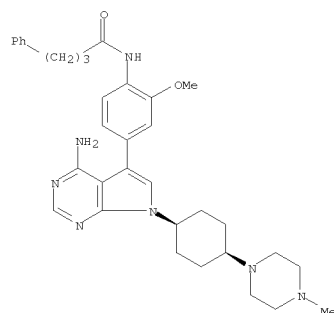


RN 364354-68-7 CAPLUS  
CN Benzenebutanamide, N-[4-[4-amino-7-[(1S,2S)-1-methyl-2-[[4-(2-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-1-piperazinyl]cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-1-methyl-5-propyl- (CA INDEX NAME)  
Relative stereochemistry.

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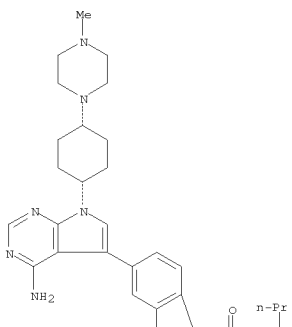


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



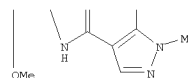
RN 364354-69-8 CAPLUS  
CN 1H-Pyrazole-4-carboxamide, N-[4-[4-amino-7-[(1S,2S)-1-methyl-2-[[4-(2-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-1-piperazinyl]cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-1-methyl-5-propyl- (CA INDEX NAME)  
Relative stereochemistry.

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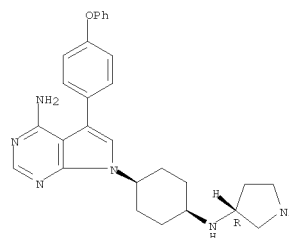


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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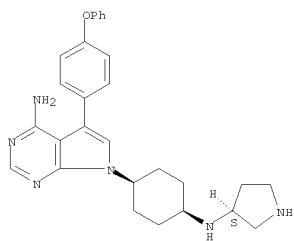
RN 364354-70-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-[(3R)-3-pyrrolidinylamino]cyclohexyl]- (CA INDEX NAME)  
Absolute stereochemistry.



RN 364354-71-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-[(3S)-3-pyrrolidinylamino]cyclohexyl]- (CA INDEX NAME)  
Absolute stereochemistry.

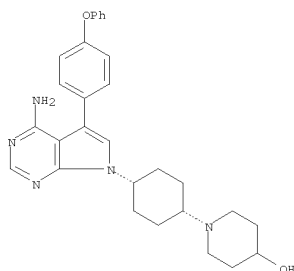
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-72-3 CAPLUS  
CN 4-Piperidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

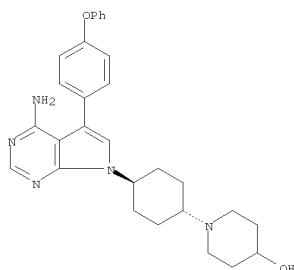
Relative stereochemistry.



RN 364354-73-4 CAPLUS  
CN 4-Piperidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI)  
(CA INDEX NAME)

CM 1

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

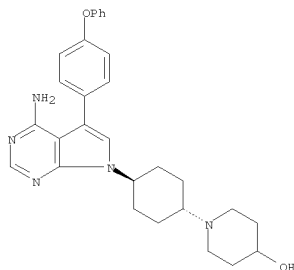


RN 364354-75-6 CAPLUS  
CN 4-Piperidinol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2Z)-2-butenedioate (1:2) (salt) (9CI)  
(CA INDEX NAME)

CM 1

CRN 364354-74-5  
CMF C29 H33 N5 O2

Relative stereochemistry.

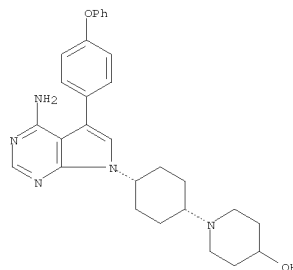


CM 2

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 364354-72-3  
CMF C29 H33 N5 O2

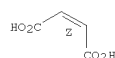
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



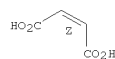
RN 364354-74-5 CAPLUS  
CN 4-Piperidinol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

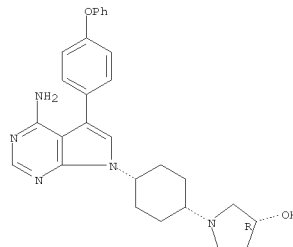
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 364354-80-3 CAPLUS  
CN 3-Pyrrolidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 364354-81-4 CAPLUS  
CN 3-Pyrrolidinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (3R)-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

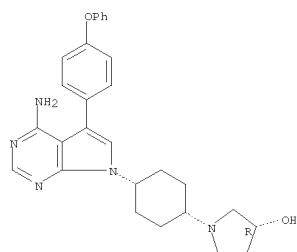
CM 1

CRN 364354-80-3  
CMF C28 H31 N5 O2

Absolute stereochemistry.

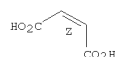
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

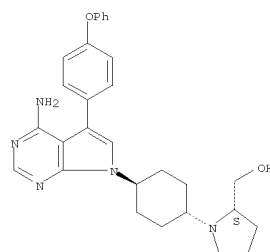
Double bond geometry as shown.



RN 364354-85-8 CAPLUS  
CN 2-Pyrrolidinemethanol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

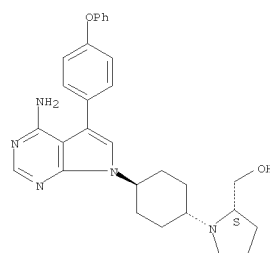
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-86-9 CAPLUS  
CN 2-Pyrrolidinemethanol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2S)-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

CM 1  
CRN 364354-85-8  
CMF C29 H33 N5 O2

Absolute stereochemistry.

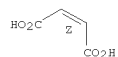


CM 2

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

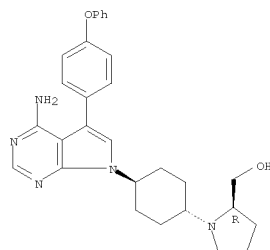
Double bond geometry as shown.



RN 364354-90-5 CAPLUS  
CN 2-Pyrrolidinemethanol, 1-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, (2R)-, (2Z)-2-butenedioate (1:2) (salt) (9CI) (CA INDEX NAME)

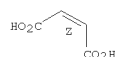
CM 1  
CRN 364354-89-2  
CMF C29 H33 N5 O2

Absolute stereochemistry.



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

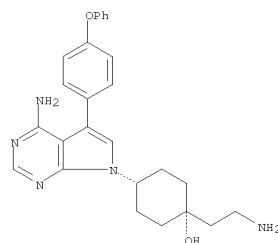
Double bond geometry as shown.



RN 364354-94-9 CAPLUS  
CN Cyclohexanol, 1-(2-aminoethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-

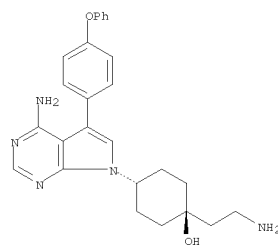
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

Relative stereochemistry.



RN 364354-95-0 CAPLUS  
CN Cyclohexanol, 1-(2-aminoethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans- (CA INDEX NAME)

Relative stereochemistry.



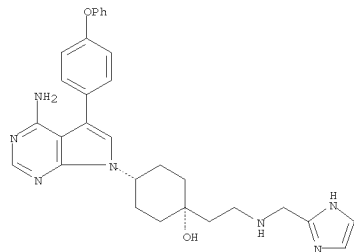
RN 364354-97-2 CAPLUS  
CN Cyclohexanol, 1-(2-aminoethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[2-[(1H-imidazol-2-ylmethyl)amino]ethyl]-, cis-, diacetate (salt) (9CI) (CA INDEX NAME)

CM 1  
CRN 364354-96-1  
CMF C30 H33 N7 O2

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



CM 2

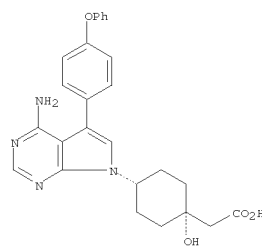
CRN 64-19-7  
CMP C2 H4 O2



RN 364354-98-3 CAPLUS  
CN Cyclohexaneacetic acid, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

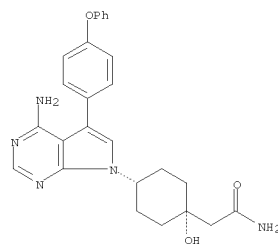
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364354-99-4 CAPLUS  
CN Cyclohexaneacetamide, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

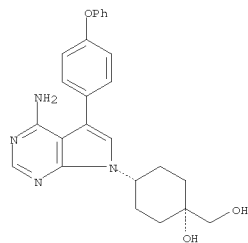
Relative stereochemistry.



RN 364355-00-0 CAPLUS  
CN Cyclohexanemethanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

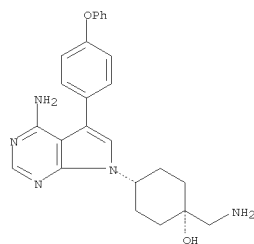
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-01-1 CAPLUS  
CN Cyclohexanol, 1-(aminomethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NAME)

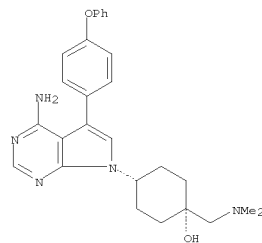
Relative stereochemistry.



RN 364355-02-2 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[(dimethylamino)methyl]-, cis- (CA INDEX NAME)

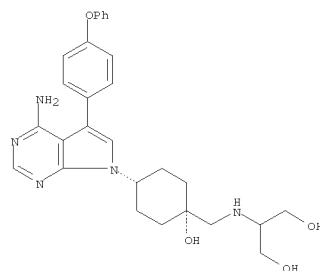
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-03-3 CAPLUS  
CN 1,3-Propanediol, 2-[[[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxycyclohexyl]methyl]amino]- (CA INDEX NAME)

Relative stereochemistry.

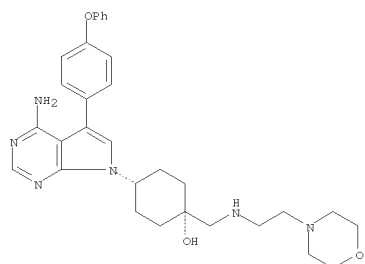


RN 364355-04-4 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[2-(4-morpholinyl)ethyl]amino]methyl]-, cis- (CA INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

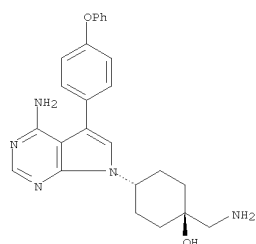


RN 364355-06-6 CAPLUS  
CN Cyclohexanol, 1-(aminomethyl)-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, trans-, diacetate (salt) (9CI) (CA INDEX NAME)

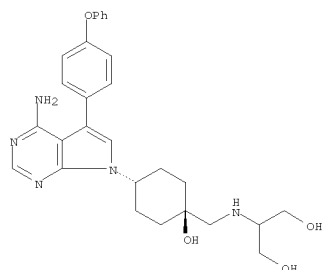
CM 1

CRN 364355-05-5  
CMF C25 H27 N5 O2

Relative stereochemistry.

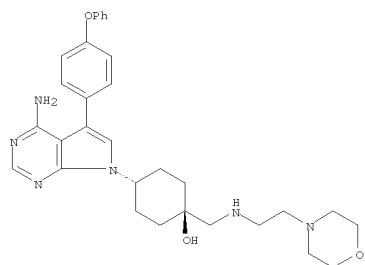


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-09-9 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[2-(4-morpholinyl)ethyl]amino]methyl]-, trans- (CA INDEX NAME)

Relative stereochemistry.



RN 364355-10-2 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[2-(2-hydroxyethyl)amino]methyl]- (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

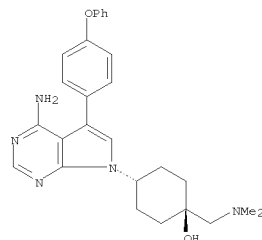
CM 2

CRN 64-19-7  
CMF C2 H4 O2



RN 364355-07-7 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[(dimethylamino)methyl]-, trans- (CA INDEX NAME)

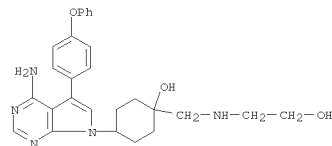
Relative stereochemistry.



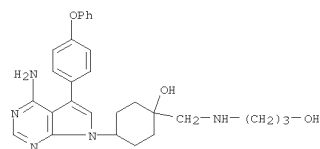
RN 364355-08-8 CAPLUS  
CN 1,3-Propanediol, 2-[[[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxycyclohexyl]methyl]amino]- (CA INDEX NAME)

Relative stereochemistry.

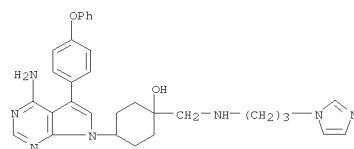
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-11-3 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[3-(3-hydroxypropyl)amino]methyl]- (CA INDEX NAME)

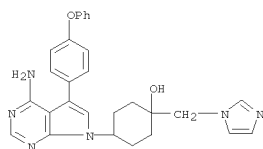


RN 364355-12-4 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[3-(1H-imidazol-1-yl)propyl]amino]methyl]- (CA INDEX NAME)

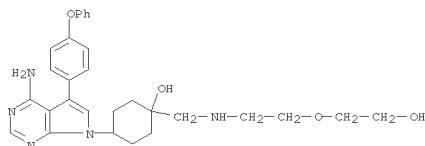


RN 364355-13-5 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[(1H-imidazol-1-ylmethyl)- (CA INDEX NAME)

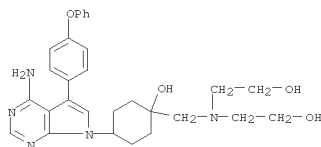
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-14-6 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[2-(2-hydroxyethoxy)ethyl]amino]methyl]- (CA INDEX NAME)

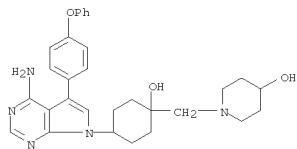


RN 364355-15-7 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[bis(2-hydroxyethyl)amino]methyl]- (CA INDEX NAME)

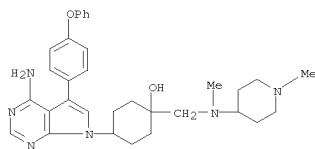


RN 364355-16-8 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[2-(dimethylamino)ethyl]amino]methyl]- (CA INDEX NAME)

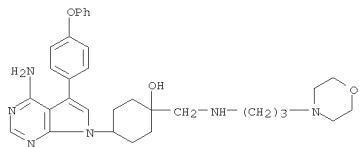
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-21-5 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[methyl(1-methyl-4-piperidinyl)amino]methyl]- (CA INDEX NAME)

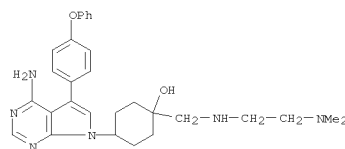


RN 364355-22-6 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[3-(4-morpholinyl)propyl]amino]methyl]- (CA INDEX NAME)

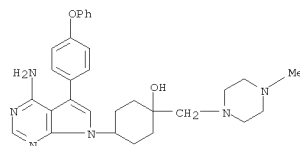


RN 364355-23-7 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[2-(1-piperidinyl)ethyl]amino]methyl]- (CA INDEX NAME)

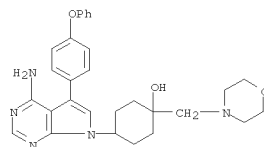
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-18-0 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[(4-methyl-1-piperazinyl)methyl]- (CA INDEX NAME)

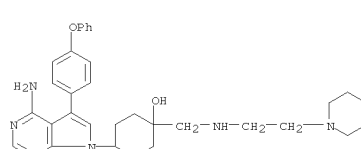


RN 364355-19-1 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-(4-morpholinylmethyl)- (CA INDEX NAME)

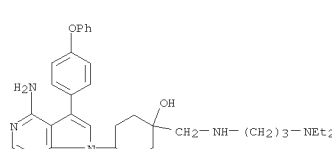


RN 364355-20-4 CAPLUS  
 CN 4-Piperidinol, 1-[[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxycyclohexyl]methyl]- (CA INDEX NAME)

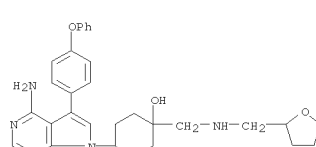
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-24-8 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[3-(diethylamino)propyl]amino]methyl]- (CA INDEX NAME)



RN 364355-25-9 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[3-(diethylamino)propyl]amino]methyl]- (CA INDEX NAME)



RN 364355-29-3 CAPLUS  
 CN Cyclohexanemethanol,  
 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, cis-, monoacetate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 364355-28-2

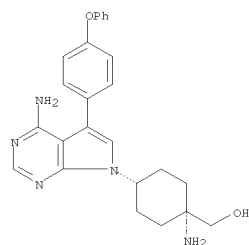
CMP C25 H27 N5 O2



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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



CM 2  
CRN 64-19-7  
CMF C2 H4 O2

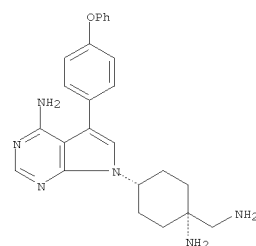


RN 364355-33-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-amino-4-(aminomethyl)cyclohexyl)-5-(4-phenoxyphenyl)]-, monoacetate (9CI) (CA INDEX NAME)

CM 1  
CRN 364355-32-8  
CMF C25 H28 N6 O

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 64-19-7  
CMF C2 H4 O2

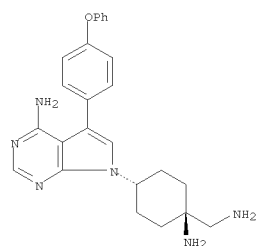


RN 364355-35-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-amino-4-(aminomethyl)cyclohexyl)-5-(4-phenoxyphenyl)]-, monoacetate (9CI) (CA INDEX NAME)

CM 1  
CRN 364355-34-0  
CMF C25 H28 N6 O

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



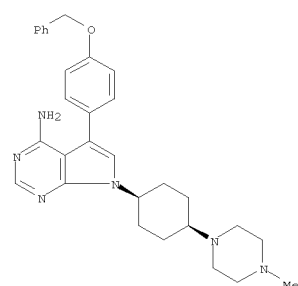
CM 2  
CRN 64-19-7  
CMF C2 H4 O2



RN 364355-40-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)-5-[4-(phenylmethoxy)phenyl]]- (CA INDEX NAME)

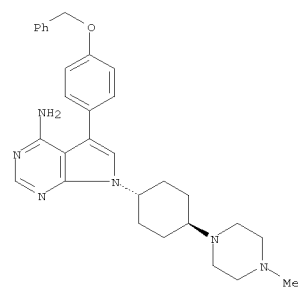
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-41-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)-5-[4-(phenylmethoxy)phenyl]]- (CA INDEX NAME)

Relative stereochemistry.



RN 364355-51-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-(aminomethyl)phenyl]-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)]-, (2E)-2-butenedioate (1:4) (CA INDEX NAME)

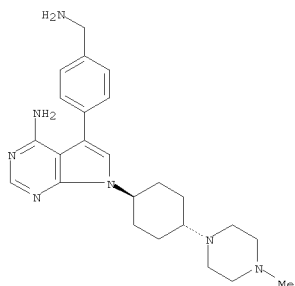
CM 1

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 364355-50-0  
CMF C24 H33 N7

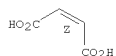
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



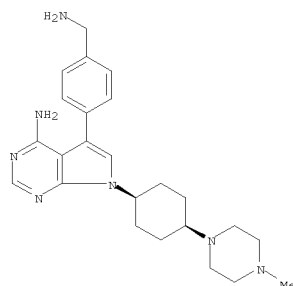
RN 364355-53-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[4-(aminomethyl)phenyl]-7-[cis-4-(4-  
methyl-1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:4) (CA INDEX  
NAME)

CM 1

CRN 364355-52-2  
CMF C24 H33 N7

Relative stereochemistry.

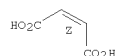
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

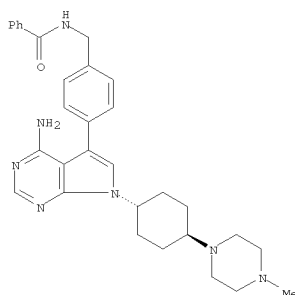
Double bond geometry as shown.



RN 364355-56-6 CAPLUS  
CN Benamide, N-[[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]- (CA INDEX NAME)

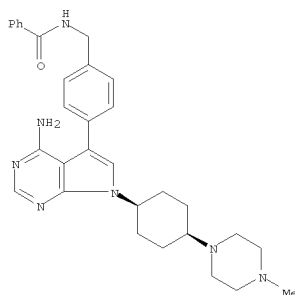
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 364355-57-7 CAPLUS  
CN Benamide,  
N-[[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]- (CA INDEX NAME)

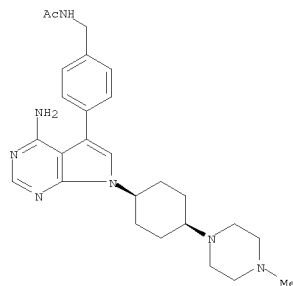
Relative stereochemistry.



RN 364355-58-8 CAPLUS  
CN Acetamide,  
N-[[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]phenyl]methyl]- (CA INDEX NAME)

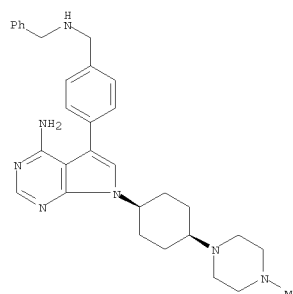
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



RN 364355-59-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-5-[4-[[ (phenylmethyl)amino]methyl]phenyl]- (CA  
INDEX NAME)

Relative stereochemistry.

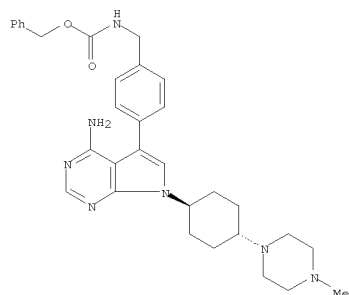


RN 364355-60-2 CAPLUS  
CN Carbamic acid,  
[[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl)methyl]-, phenylmethyl ester (9CI)  
 (CA INDEX NAME)

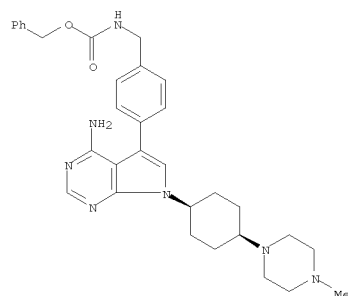
Relative stereochemistry.



RN 364355-62-4 CAPLUS  
 CN Carbamic acid, [[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl)methyl]-, phenylmethyl ester (9CI)  
 (CA INDEX NAME)

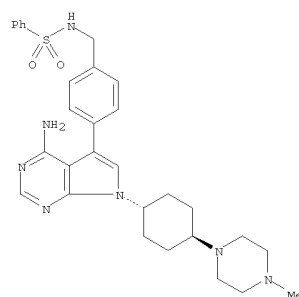
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



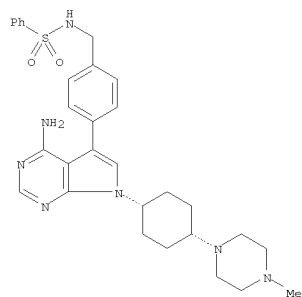
RN 364355-63-5 CAPLUS  
 CN Benzenesulfonamide, N-[[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl)methyl]-, phenylmethyl ester (9CI)  
 (CA INDEX NAME)

Relative stereochemistry.



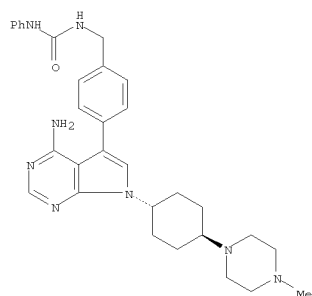
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 364355-64-6 CAPLUS  
 CN Benzenesulfonamide, N-[[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl)methyl]-, phenylmethyl ester (9CI)  
 (CA INDEX NAME)

Relative stereochemistry.



RN 364355-65-7 CAPLUS  
 CN Urea, N-[[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl)methyl]-N'-phenyl- (CA INDEX NAME)

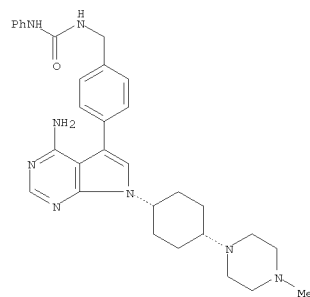
Relative stereochemistry.



L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 364355-66-8 CAPLUS  
 CN Urea, N-[[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenyl)methyl]-N'-phenyl- (CA INDEX NAME)

Relative stereochemistry.



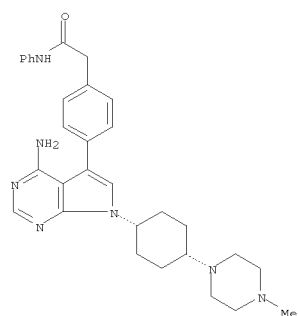
RN 364355-68-0 CAPLUS  
 CN Benzeneacetamide, 4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-N-phenyl-, (2Z)-2-butenedioate (1:3)  
 (CA INDEX NAME)

CM 1  
 CRN 364355-67-9  
 CMF C31 H37 N7 O

Relative stereochemistry.

10534427b.trn

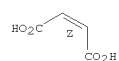
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



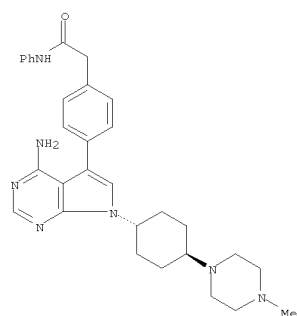
RN 364355-71-5 CAPLUS  
CN Benzeneacetamide, 4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-N-phenyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 364355-70-4  
CMF C31 H37 N7 O

Relative stereochemistry.

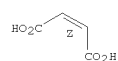
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

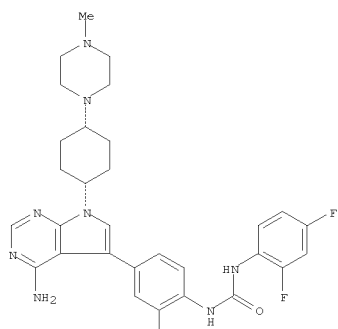


RN 364355-75-9 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,4-difluorophenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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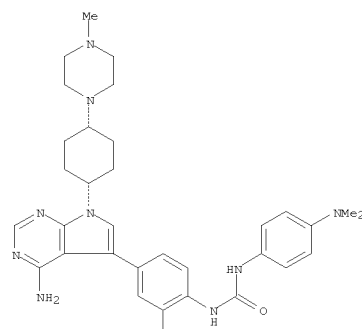


RN 364355-76-0 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-(dimethylamino)phenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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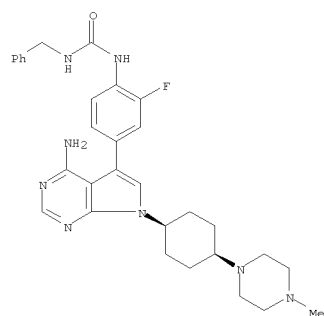


RN 364355-77-1 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(phenylmethyl)- (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

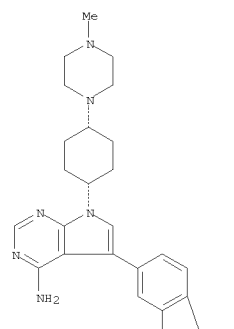


RN 364355-78-2 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-2-fluorophenyl]-N'-(3-methylphenyl)methyl]-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methylphenyl)methyl]- (CA INDEX NAME)

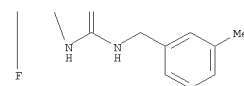
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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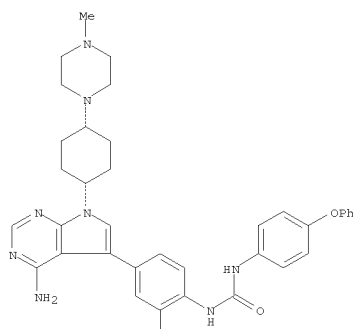


RN 364355-79-3 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-2-fluorophenyl]-N'-(4-phenoxyphenyl)-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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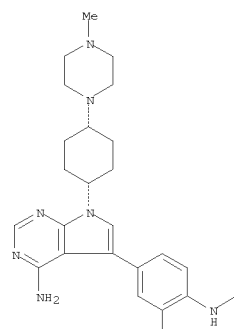


RN 364355-80-6 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-2-fluorophenyl]-N'-(4-methylphenyl)methyl]-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-methylphenyl)methyl]- (CA INDEX NAME)

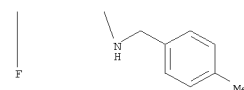
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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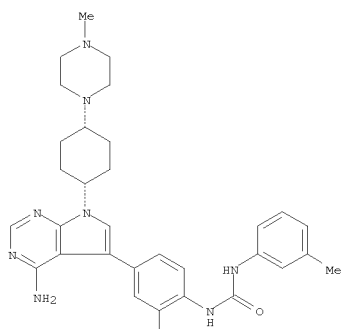


RN 364355-81-7 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-2-fluorophenyl]-N'-(3-methylphenyl)methyl]-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methylphenyl)methyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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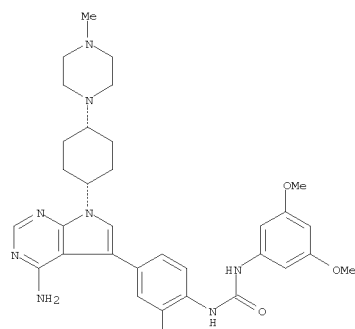
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RN 364355-92-8 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3,5-dimethoxyphenyl)]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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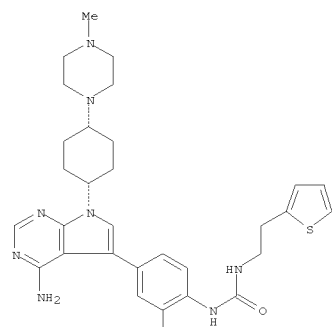
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RN 364355-93-9 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2-(2-thienyl)ethyl)]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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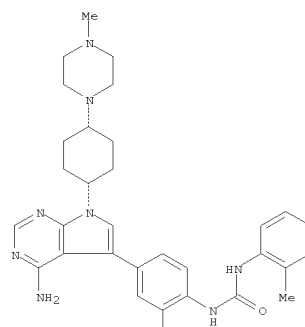
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RN 364355-84-0 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2-methylphenyl)]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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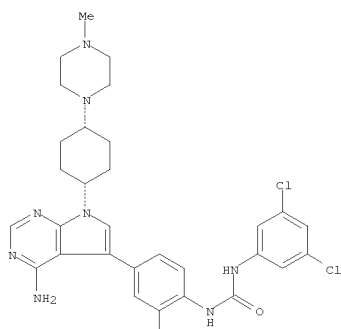
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RN 364355-85-1 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3,5-dichlorophenyl)]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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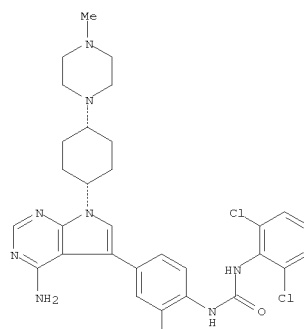
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RN 364355-86-2 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,6-dichlorophenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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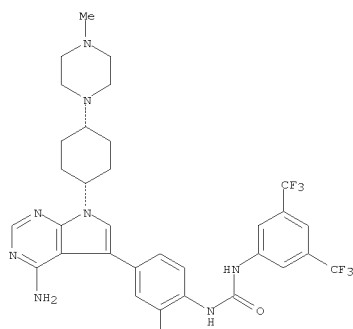
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RN 364355-87-3 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3,5-bis(trifluoromethyl)phenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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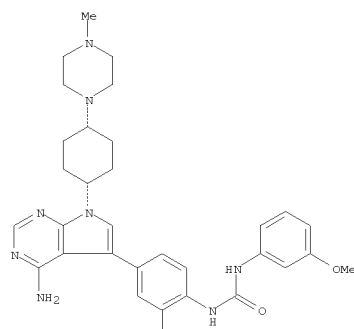
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RN 364355-88-4 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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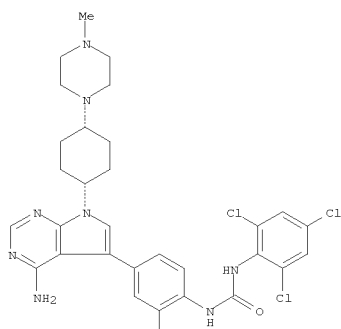
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RN 364355-89-5 CAPLUS  
CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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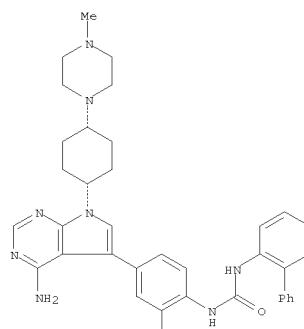
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RN 364355-90-8 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(1,1'-biphenyl)-2-yl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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F

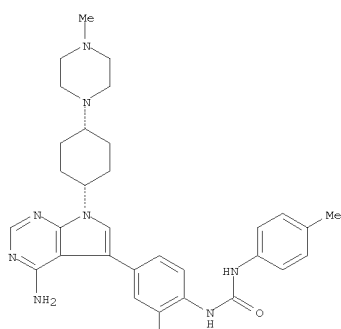
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RN 364355-91-9 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(4-methylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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F

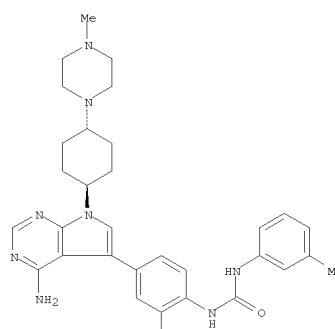
PAGE 2-A

RN 364355-92-0 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(3-methylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

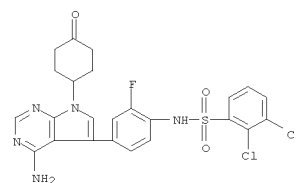
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F

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RN 364355-93-1 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)



RN 364355-96-4 CAPLUS  
 CN Urea, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2-phenoxyphenyl)- (CA INDEX NAME)

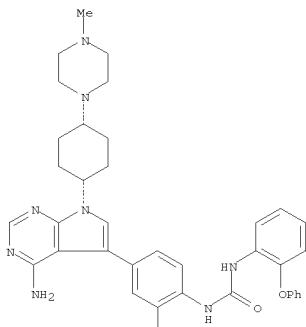


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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
INDEX NAME)

Relative stereochemistry.

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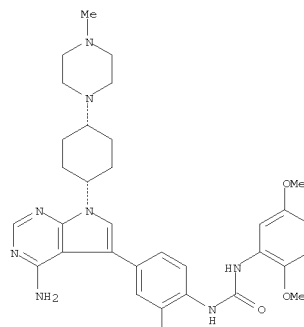
PAGE 2-A

RN 364355-97-5 CAPLUS  
CN Urea, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-N'-(2,5-dimethoxyphenyl)-  
(CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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RN 364356-05-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-dibromo-3,6-difluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

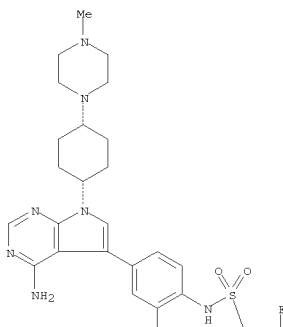
CM 1

CRN 262443-66-3  
CMF C29 H30 Br2 F3 N7 O2 S

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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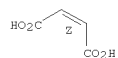


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 364356-08-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-

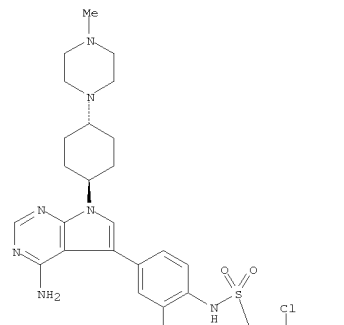
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262445-18-1  
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

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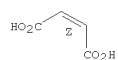
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



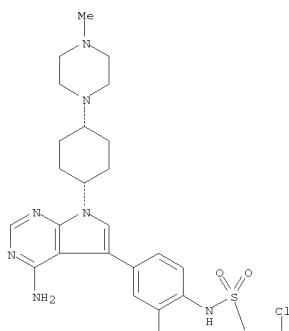
RN 364356-11-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262443-10-7  
CMF C29 H32 Cl2 F N7 O2 S

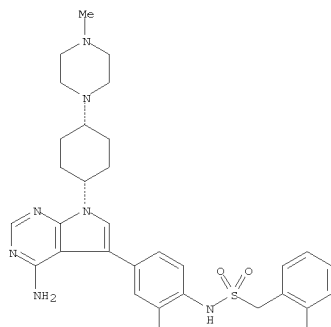
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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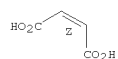
F

NO2

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

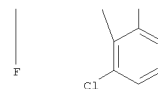


IT 262442-00-2P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(reactant; preparation of pyrrolopyrimidinamines as protein kinase inhibitors)  
RN 262442-00-2 CAPLUS

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

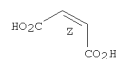
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 364356-13-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

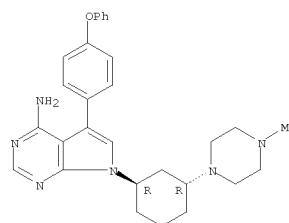
CM 1

CRN 262443-68-5  
CMF C30 H35 F N8 O4 S

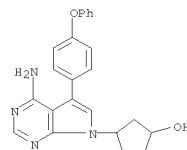
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



IT 213743-76-1 262442-03-5 262442-79-5  
262444-63-3 262444-65-5 364355-50-0  
364355-52-2  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reactant; preparation of pyrrolopyrimidinamines as protein kinase inhibitors)  
RN 213743-76-1 CAPLUS  
CN Cyclopentanol,  
3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

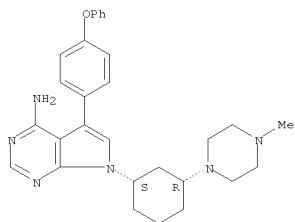


RN 262442-03-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

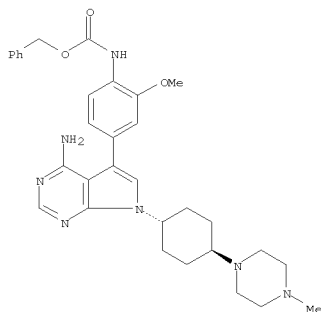
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



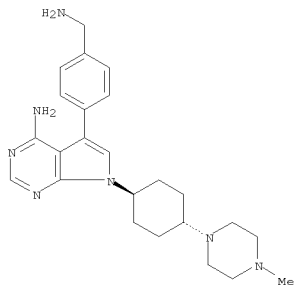
RN 262442-79-5 CAPLUS  
CN Carbanic acid,  
[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester  
(9CI) (CA INDEX NAME)

Relative stereochemistry.



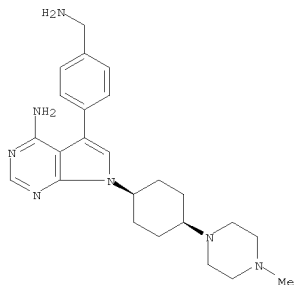
RN 262444-63-3 CAPLUS  
CN Carbonic acid,  
3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



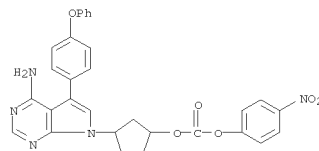
RN 364355-52-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-[4-(aminomethyl)phenyl]-7-[cis-4-(4-  
methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

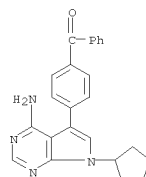


IT 262441-45-2P 262441-49-6P 262443-81-2P  
262444-45-1P  
RL: BAC (Biological activity or effector, except adverse); BSU  
(Biological  
study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
yl)cyclopentyl 4-nitrophenyl ester (CA INDEX NAME)



RN 262444-65-5 CAPLUS  
CN Methanone, [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-  
yl)phenyl]phenyl- (CA INDEX NAME)



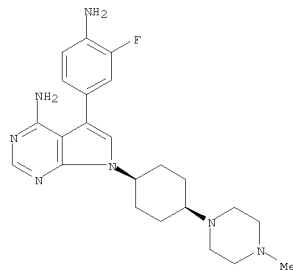
RN 364355-50-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-(aminomethyl)phenyl]-7-[trans-4-  
(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(Reactant or reagent); USES (Uses)  
(target compd.; prepn. of pyrrolopyrimidinamines as protein kinase  
inhibitors)

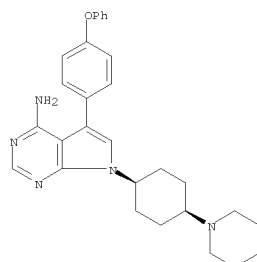
RN 262441-45-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(4-amino-3-fluorophenyl)-7-[cis-4-(4-  
methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



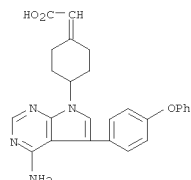
RN 262441-49-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-  
piperidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



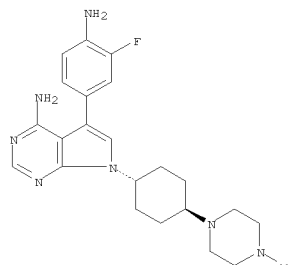
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262443-81-2 CAPLUS  
 CN Acetic acid,  
 [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]- (9CI) (CA INDEX NAME)



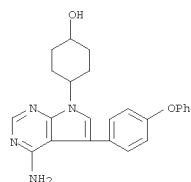
RN 262444-45-1 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 5-[4-amino-3-fluorophenyl]-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)]- (CA INDEX NAME)

Relative stereochemistry.

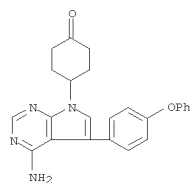


IT 262431-69-6P 262433-52-3P 262441-46-3P  
 262441-47-4P 262441-48-5P 262441-50-9P  
 262441-51-0P 262441-61-2P 262441-63-4P  
 262441-66-7P 262441-67-8P 262441-69-0P  
 262441-71-4P 262441-73-6P 262441-75-8P

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 262445-21-6P 262445-23-8P 262445-25-0P  
 262445-27-2P 262445-29-4P 262445-31-8P  
 262445-33-0P 262445-35-2P 262445-37-4P  
 262445-39-6P 262445-41-0P  
 RL: BAC (Biological activity or effector, except adverse); BSU  
 (Biological  
 study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);  
 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (target compd.; prepn. of pyrrolopyrimidinamines as protein kinase  
 inhibitors)  
 RN 262431-69-6 CAPLUS  
 CN Cyclohexanol,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



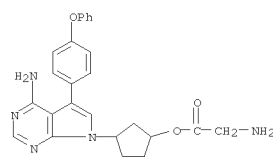
RN 262433-52-3 CAPLUS  
 CN Cyclohexanone,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 262441-46-3 CAPLUS  
 CN Glycine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 262441-76-9P 262441-77-0P 262441-78-1P  
 262441-79-2P 262441-81-6P 262441-83-8P  
 262441-85-0P 262441-87-2P 262441-88-3P  
 262441-89-4P 262441-91-8P 262441-92-9P  
 262441-94-1P 262441-95-2P 262441-96-3P  
 262441-98-5P 262441-99-6P 262442-01-3P  
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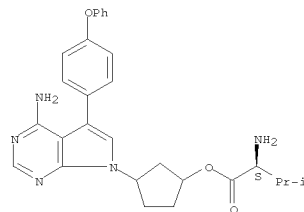
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● HCl

RN 262441-47-4 CAPLUS  
 CN L-Valine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



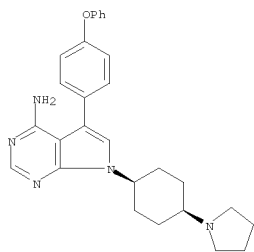
● HCl

RN 262441-48-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

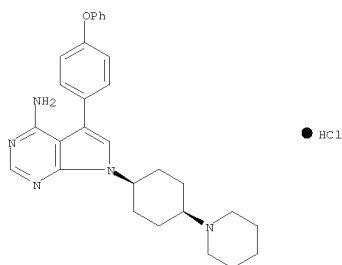
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-50-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(1S,4S)-1-piperidinyl]cyclohexyl-, monohydrochloride (9CI) (CA INDEX NAME)

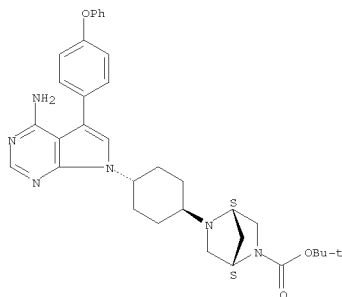
Relative stereochemistry.



RN 262441-51-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(dimethylamino)cyclohexyl)-5-(4-phenoxyphenyl)]cyclohexyl-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Absolute stereochemistry.

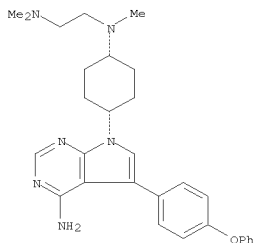


RN 262441-66-7 CAPLUS  
CN 1,2-Ethanediamine, N-[(1S,4S)-4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl-, N,N',N'-trimethyl-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

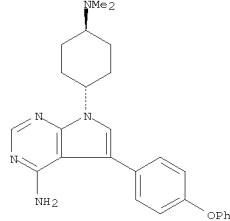
CM 1

CRN 262441-65-6  
CMF C29 H36 N6 O

Relative stereochemistry.

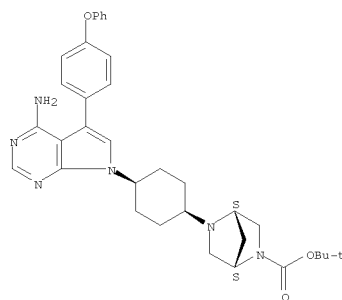


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-61-2 CAPLUS  
CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid, 5-[(1S,4S)-4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Absolute stereochemistry.

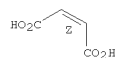


RN 262441-63-4 CAPLUS  
CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid, 5-[(trans-4-(4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl)-1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CM 2

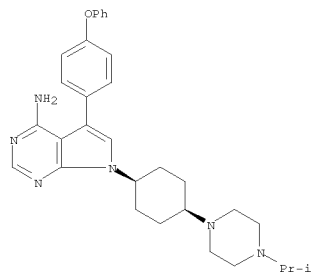
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-67-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1S,4S)-4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Relative stereochemistry.

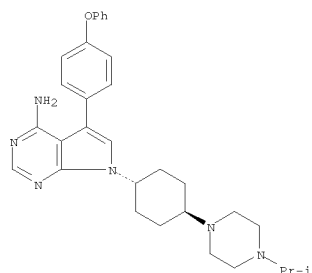


RN 262441-69-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(4-(1-methylethyl)-1-piperazinyl]cyclohexyl)-5-(4-phenoxyphenyl)-, (1S,4S)-1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Relative stereochemistry.

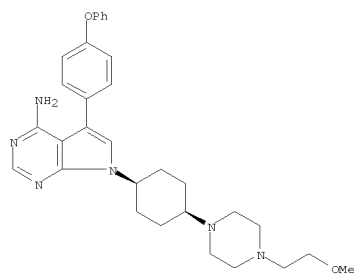
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-71-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



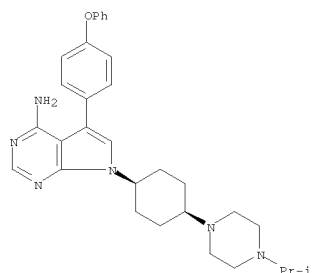
RN 262441-73-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CM 1

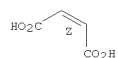
CRN 262441-67-8  
CMF C31 H38 N6 O

Relative stereochemistry.



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

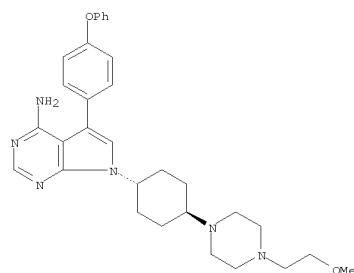


RN 262441-77-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
CRN 262441-69-0  
CMF C31 H38 N6 O

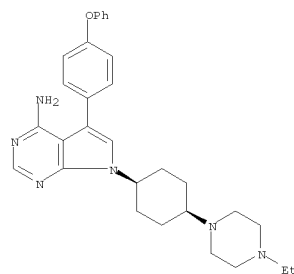
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



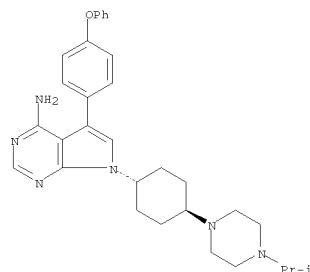
RN 262441-75-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



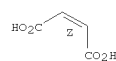
RN 262441-76-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-78-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

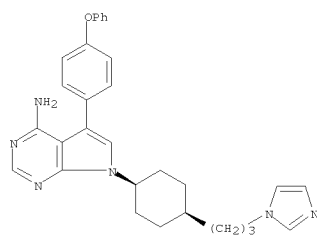
CM 1  
CRN 262441-71-4  
CMF C31 H38 N6 O2

Relative stereochemistry.



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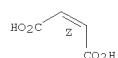
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



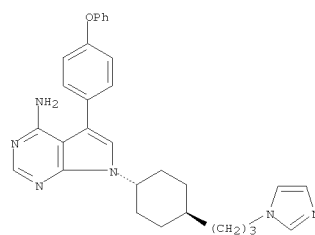
RN 262441-87-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[3-(1H-imidazol-1-yl)propyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:2)  
(CA INDEX NAME)

CM 1

CRN 262441-86-1  
CMF C30 H32 N6 O

Relative stereochemistry.

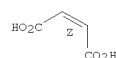
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

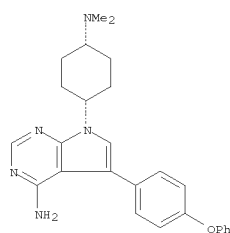
Double bond geometry as shown.



RN 262441-88-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(dimethylamino)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

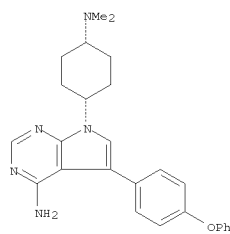


RN 262441-89-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(dimethylamino)cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262441-88-3  
CMF C26 H29 N5 O

Relative stereochemistry.

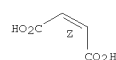


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

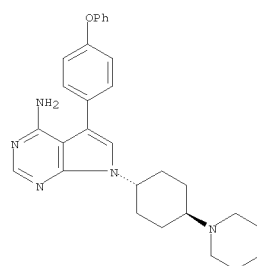


RN 262441-91-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperidinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262441-90-7  
CMF C29 H33 N5 O

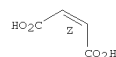
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



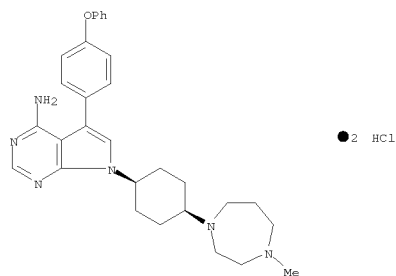
RN 262441-92-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)cyclohexyl]-5-(4-phenoxyphenyl)-, dihydrochloride (9CI)  
(CA INDEX NAME)



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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



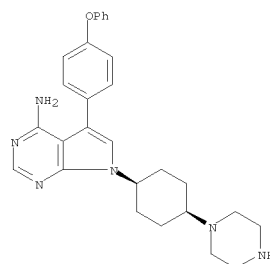
RN 262441-94-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(cis-4-(1-piperazinyl)cyclohexyl)]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-93-0  
CMF C28 H32 N6 O

Relative stereochemistry.

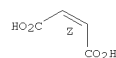
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

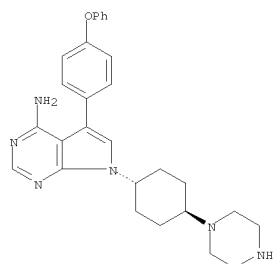
Double bond geometry as shown.



RN 262441-95-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(trans-4-(1-piperazinyl)cyclohexyl)]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

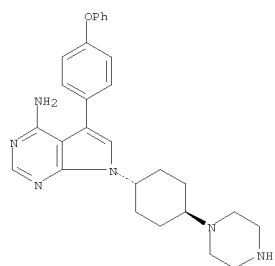


RN 262441-96-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(trans-4-(1-piperazinyl)cyclohexyl)]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-95-2  
CMF C28 H32 N6 O

Relative stereochemistry.



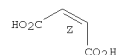
CM 2

CRN 110-16-7

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMF C4 H4 O4

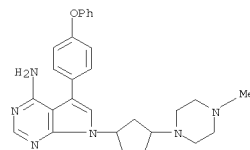
Double bond geometry as shown.



RN 262441-98-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[3-(4-methyl-1-piperazinyl)cyclopentyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

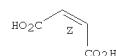
CRN 262441-97-4  
CMF C28 H32 N6 O



CM 2

CRN 110-16-7  
CMF C4 H4 O4

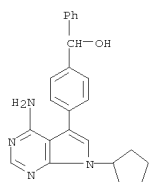
Double bond geometry as shown.



RN 262441-99-6 CAPLUS  
CN Benzenemethanol, 4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-α-phenyl- (CA INDEX NAME)

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

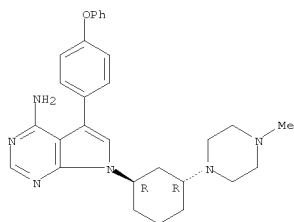


RN 262442-01-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262442-00-2  
CMF C29 H34 N6 O

Relative stereochemistry.

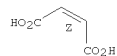


CM 2

CRN 110-16-7  
CMF C4 H4 O4

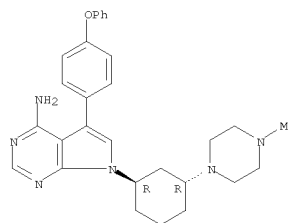
Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-02-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.



● 3 HCl

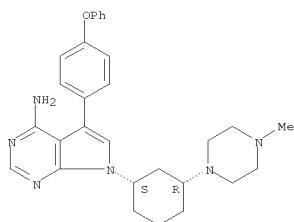
RN 262442-04-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262442-03-5  
CMF C29 H34 N6 O

Relative stereochemistry.

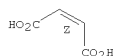
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

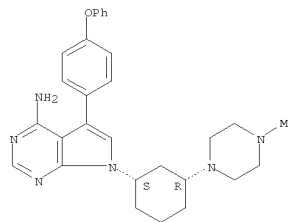
Double bond geometry as shown.



RN 262442-05-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



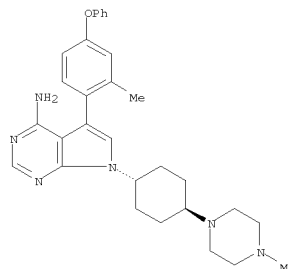
● 3 HCl

RN 262442-07-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(2-methyl-4-phenoxyphenyl)-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-06-8  
CMF C30 H36 N6 O

Relative stereochemistry.

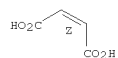


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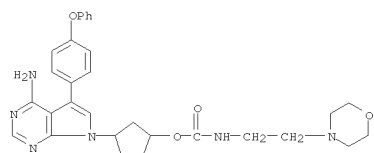
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-08-0 CAPLUS  
CN Carbamic acid, [2-(4-morpholinyl)ethyl]-, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI)  
(CA INDEX NAME)



● HCl

RN 262442-11-5 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-10-4  
CMF C31 H35 F2 N7 O2

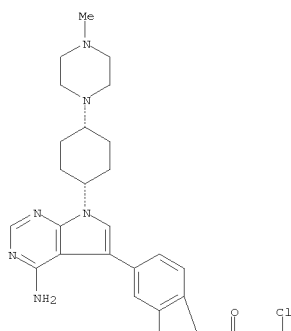
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

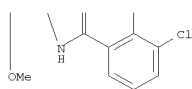
CM 1

CRN 262442-12-6  
CMF C31 H35 Cl2 N7 O2

Relative stereochemistry.



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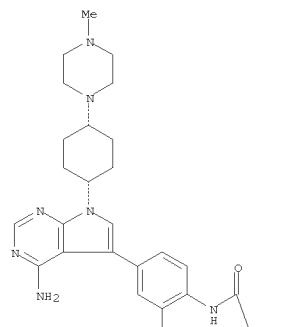
CM 2

CRN 110-16-7  
CMF C4 H4 O4

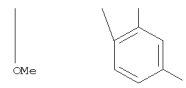
Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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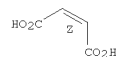
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CM 2

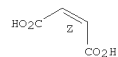
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-13-7 CAPLUS

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



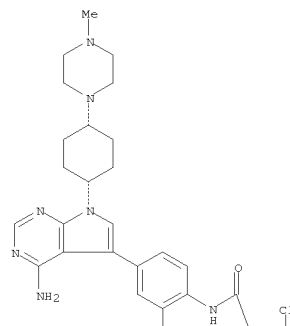
RN 262442-15-9 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

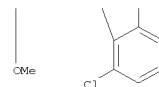
CRN 262442-14-8  
CMF C31 H35 Cl2 N7 O2

Relative stereochemistry.

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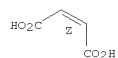
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-17-1 CAPLUS

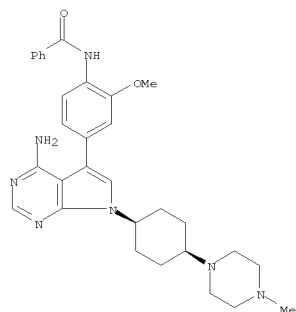
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3)

(CA INDEX NAME)

CM 1

CRN 262442-16-0  
CMF C31 H37 N7 O2

Relative stereochemistry.



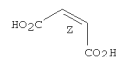
CM 2

CRN 110-16-7

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-19-3 CAPLUS

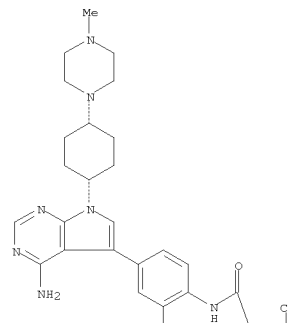
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-18-2  
CMF C31 H35 Cl2 N7 O2

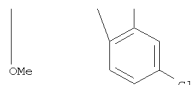
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

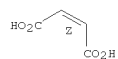
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-21-7 CAPLUS

CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-5-(trifluoromethyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

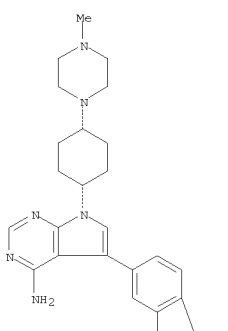
CM 1

CRN 262442-20-6  
CMF C32 H35 Cl F3 N7 O2

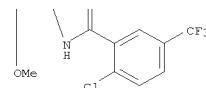
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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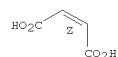
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



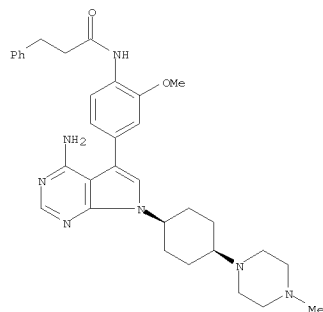
RN 262442-22-8 CAPLUS

CN Benzenepropanamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

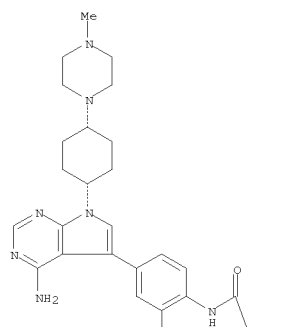


RN 262442-23-9 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-difluoro- (CA INDEX NAME)

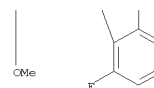
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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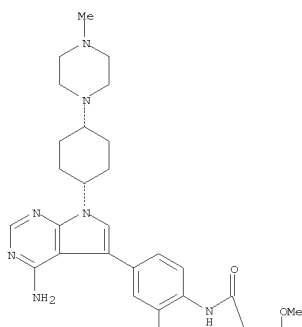


RN 262442-24-0 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX NAME)

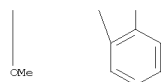
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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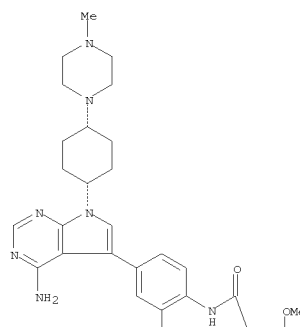


RN 262442-25-1 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dimethoxy- (CA INDEX NAME)

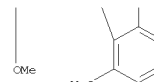
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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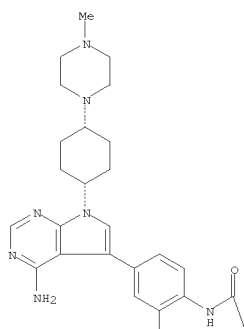


RN 262442-26-2 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3,4-dichloro- (CA INDEX NAME)

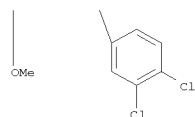
Relative stereochemistry.

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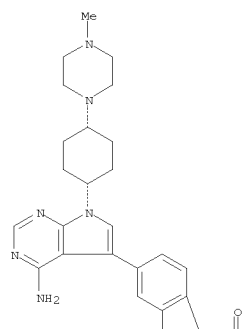


RN 262442-27-3 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-methoxy- (CA INDEX NAME)

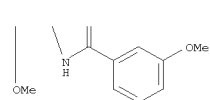
Relative stereochemistry.

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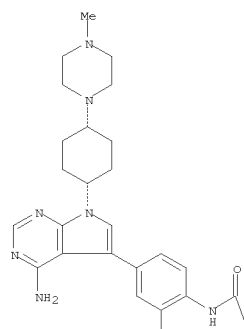


RN 262442-28-4 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-fluoro- (CA INDEX NAME)

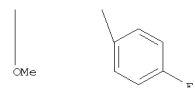
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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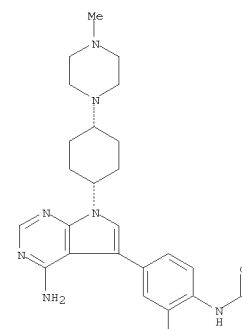


RN 262442-29-5 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-chloro- (CA INDEX NAME)

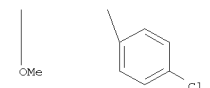
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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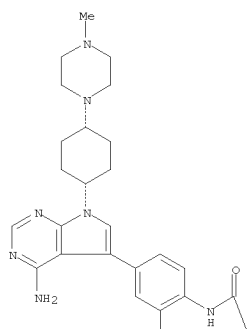
RN 262442-30-8 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-methoxy- (CA INDEX NAME)

Relative stereochemistry.

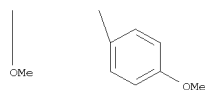
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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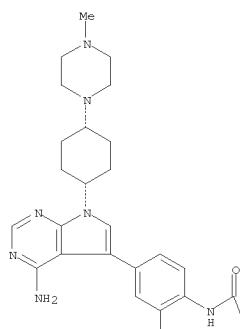


RN 262442-31-9 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethyl)- (CA INDEX NAME)

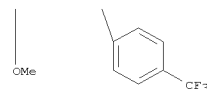
Relative stereochemistry.

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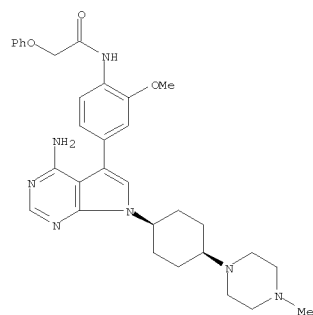
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RN 262442-32-0 CAPLUS  
CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenoxy- (CA INDEX NAME)

Relative stereochemistry.

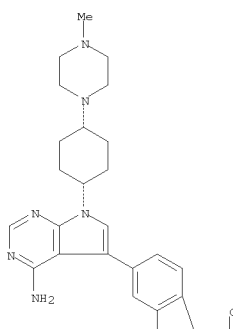
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-33-1 CAPLUS  
CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-(4-chlorophenoxy)- (CA INDEX NAME)

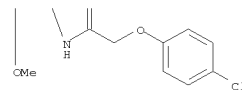
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

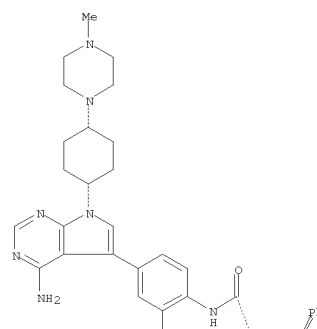
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RN 262442-34-2 CAPLUS  
CN Cyclopropanecarboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenyl-, (1R,2R)-rel- (CA INDEX NAME)

Relative stereochemistry.

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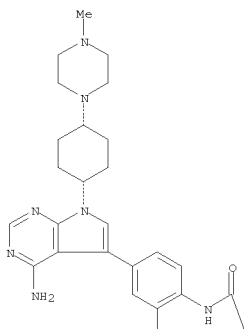
RN 262442-35-3 CAPLUS

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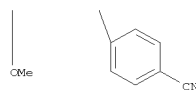
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-cyano- (CA INDEX NAME)

Relative stereochemistry.

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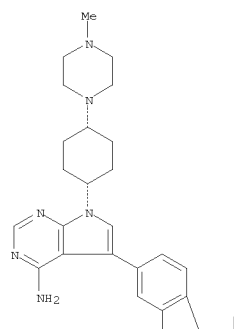


RN 262442-36-4 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-nitro- (CA INDEX NAME)

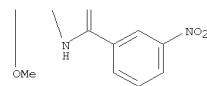
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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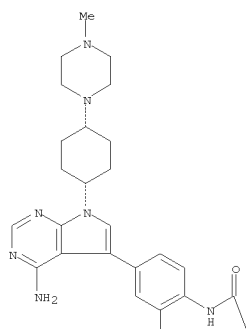


RN 262442-37-5 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-nitro- (CA INDEX NAME)

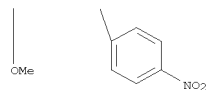
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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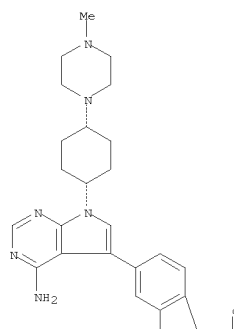


RN 262442-38-6 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3,5-difluoro- (CA INDEX NAME)

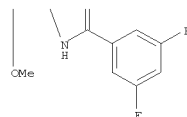
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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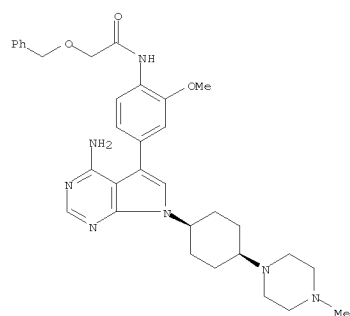
RN 262442-39-7 CAPLUS  
 CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-(phenylmethoxy)- (CA INDEX NAME)

Relative stereochemistry.



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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

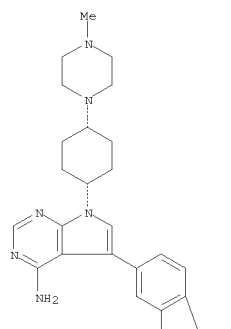


RN 262442-40-0 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[(1-methyl-4-(4-aminopyrrolo[2,3-d]pyrimidin-5-yl)cyclohexyl)piperazinyl]-2-methoxyphenyl]-3-cyano- (CA INDEX NAME)

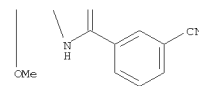
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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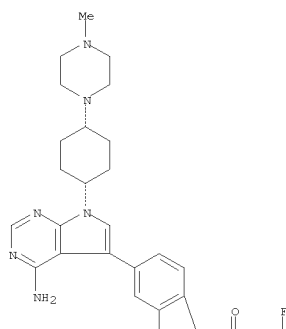


RN 262442-41-1 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[(1-methyl-4-(4-aminopyrrolo[2,3-d]pyrimidin-5-yl)cyclohexyl)piperazinyl]-2-methoxyphenyl]-2,3-difluoro- (CA INDEX NAME)

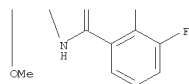
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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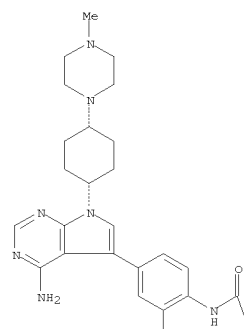


RN 262442-42-2 CAPLUS  
CN 3-Pyridinecarboxamide, N-[4-[4-amino-7-[(1-methyl-4-(4-aminopyrrolo[2,3-d]pyrimidin-5-yl)cyclohexyl)piperazinyl]-2-methoxyphenyl]-6-chloro- (CA INDEX NAME)

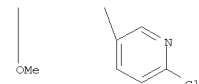
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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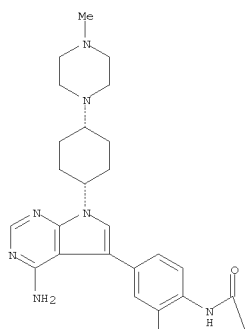


RN 262442-43-3 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[(1-methyl-4-(4-aminopyrrolo[2,3-d]pyrimidin-5-yl)cyclohexyl)piperazinyl]-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

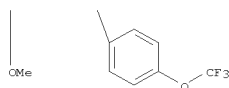
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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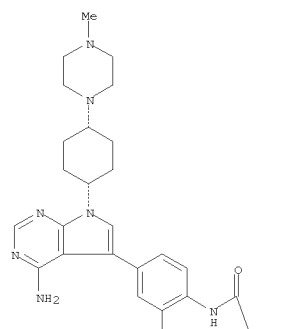


RN 262442-44-4 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4,6-trifluoro- (CA  
 INDEX NAME)

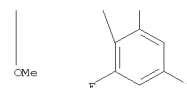
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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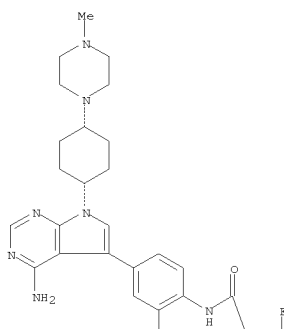


RN 262442-45-5 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-6-fluoro- (CA  
 INDEX NAME)

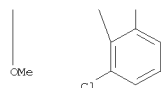
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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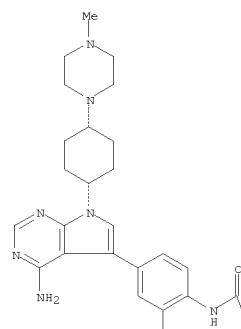


RN 262442-46-6 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(dimethylamino)- (CA  
 INDEX NAME)

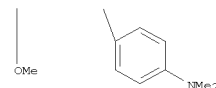
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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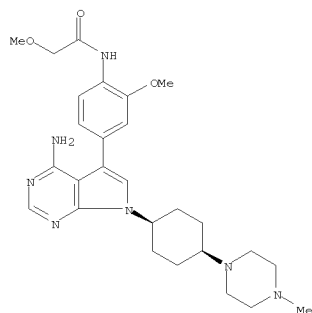


RN 262442-47-7 CAPLUS  
 CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA  
 INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



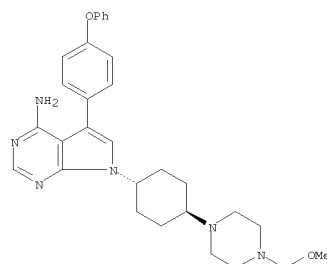
RN 262442-49-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(methoxymethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-48-8  
CMF C30 H36 N6 O2

Relative stereochemistry.

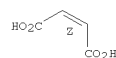
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



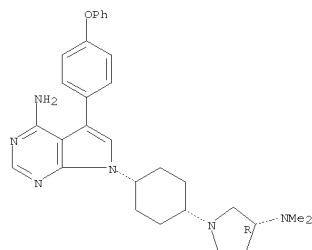
RN 262442-51-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-50-2  
CMF C30 H36 N6 O

Absolute stereochemistry.

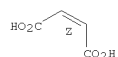
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



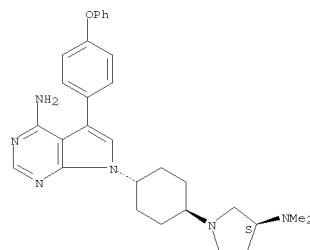
RN 262442-53-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[(3S)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-52-4  
CMF C30 H36 N6 O

Absolute stereochemistry.

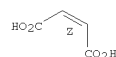
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-55-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(3S)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

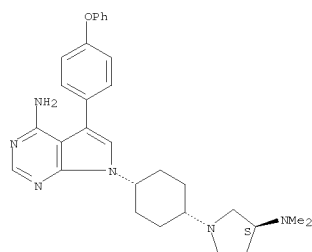
CM 1

CRN 262442-54-6  
CMF C30 H36 N6 O

Absolute stereochemistry.

10534427b.trn

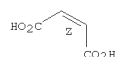
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



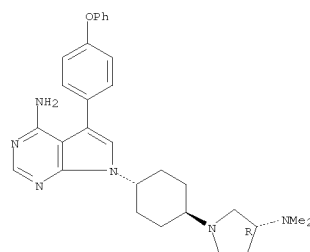
RN 262442-57-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-56-8  
CMF C30 H36 N6 O

Absolute stereochemistry.

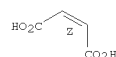
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



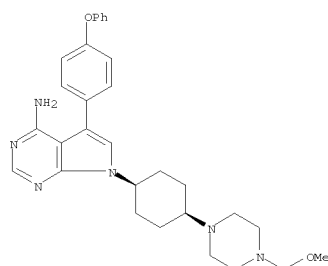
RN 262442-59-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(methoxymethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-58-0  
CMF C30 H36 N6 O2

Relative stereochemistry.

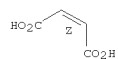
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

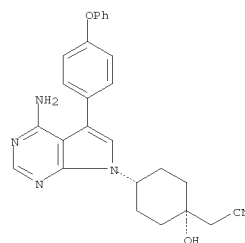
Double bond geometry as shown.



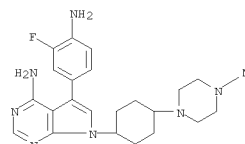
RN 262442-60-4 CAPLUS  
CN Cyclohexanecarbonitrile, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-61-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-fluorophenyl)-7-[4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)



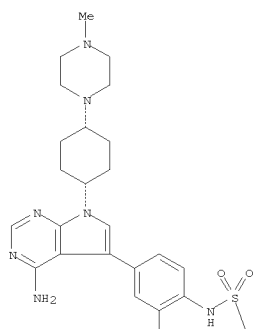
RN 262442-62-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)

Relative stereochemistry.

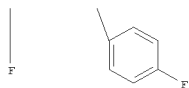
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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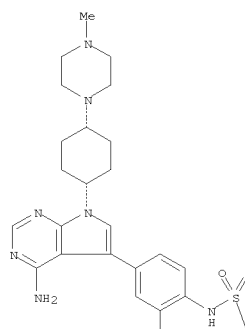
PAGE 2-A



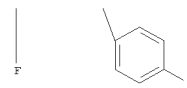
RN 262442-63-7 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[(1S,2S)-2-(4-fluorophenyl)-2-butenedioate (1:3) (CA INDEX NAME)  
piperazinyl]cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)  
CM 1  
CRN 262442-62-6  
CMF C29 H33 F2 N7 O2 S  
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

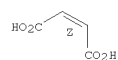
PAGE 1-A



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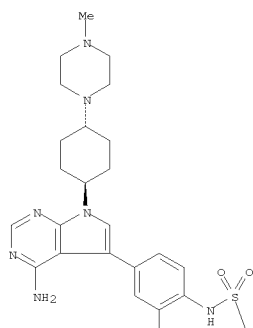
CM 2  
CRN 110-16-7  
CMF C4 H4 O4  
Double bond geometry as shown.



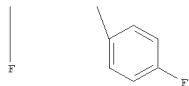
RN 262442-65-9 CAPLUS

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN Benzenesulfonamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)  
CM 1  
CRN 262442-64-8  
CMF C29 H33 F2 N7 O2 S  
Relative stereochemistry.

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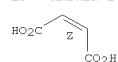
PAGE 2-A



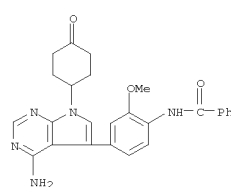
CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-78-4 CAPLUS  
CN Benamide,  
N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)



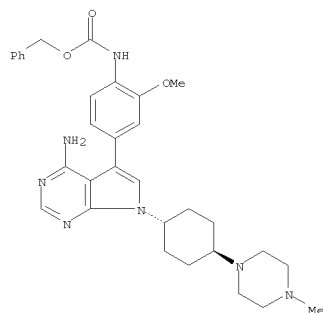
RN 262442-80-8 CAPLUS  
CN Carbamic acid,  
[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester, (2Z)-2-butenedioate (1:3) (9C1) (CA INDEX NAME)

CM 1  
CRN 262442-79-5  
CMF C32 H39 N7 O3

Relative stereochemistry.

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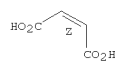
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

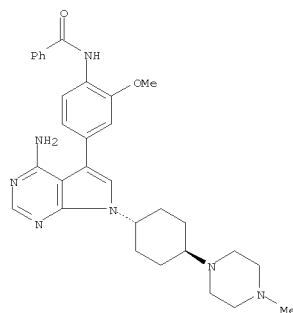
Double bond geometry as shown.



RN 262442-81-9 CAPLUS  
CN Benzanide,  
N-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-83-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-  
(trifluoromethoxy)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

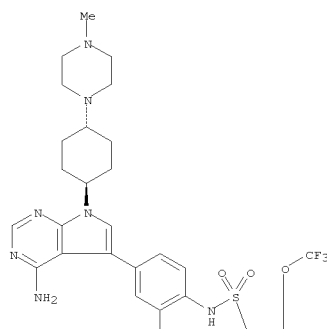
CM 1

CRN 262442-82-0  
CMF C30 H33 F4 N7 O3 S

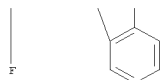
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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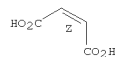
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-85-3 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-  
chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

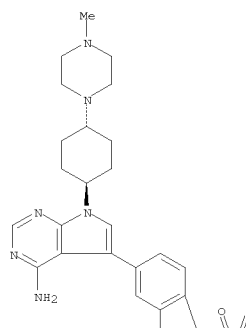
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

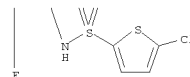
CRN 262442-84-2  
CMF C27 H31 Cl F N7 O2 S2

Relative stereochemistry.

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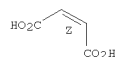
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262442-88-6 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

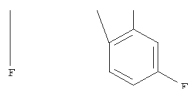
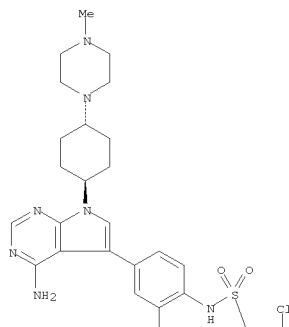
CM 1

CRN 262442-87-5

CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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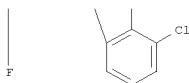


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CM 2

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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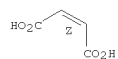


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-93-3 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

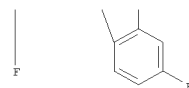
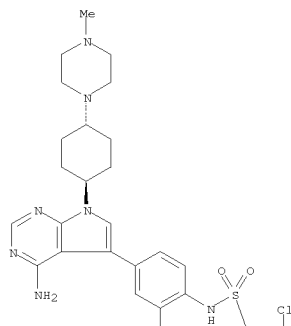
CM 1

CRN 262442-92-2

CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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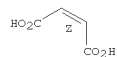
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-95-5 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

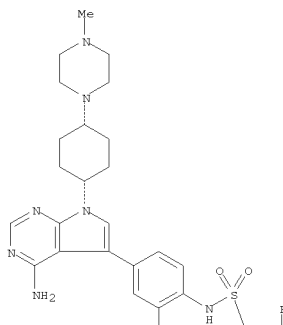
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

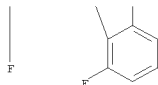
CRN 262442-94-4

CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.



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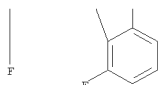
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



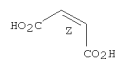
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-00-5 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide,

N-[4-[4-amino-7-[trans-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

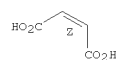
CM 1

CRN 262442-99-9

CMF C29 H32 F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-97-7 CAPLUS

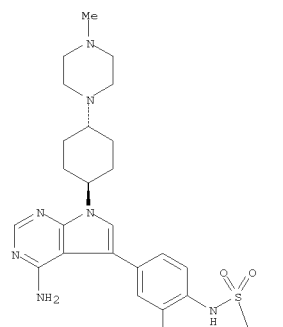
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-96-6

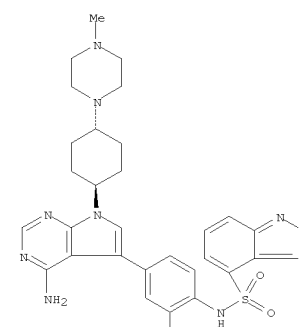
CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.



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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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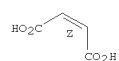
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-03-8 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trifluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-02-7

CMF C29 H31 F4 N7 O2 S

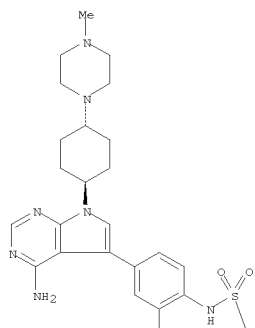


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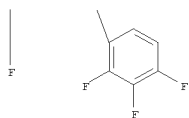
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

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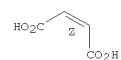
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-05-0 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

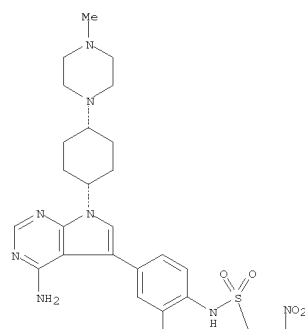
CM 1

CRN 262443-04-9

CMF C29 H33 F N8 O4 S

Relative stereochemistry.

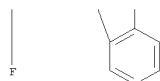
PAGE 1-A



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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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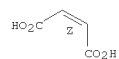


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-07-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

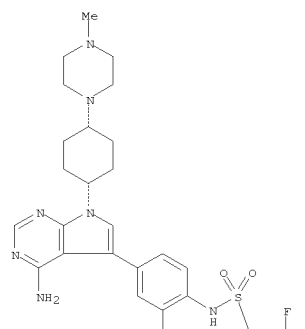
CM 1

CRN 262443-06-1

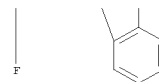
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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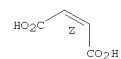


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-09-4 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4,6-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

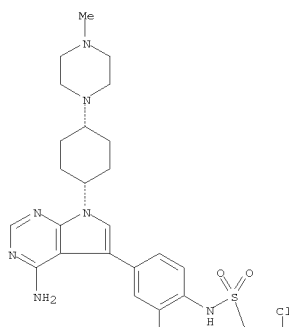
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

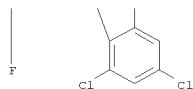
CRN 262443-08-3

CMF C29 H31 C13 F N7 O2 S

Relative stereochemistry.



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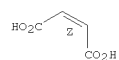
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-11-8 CAPLUS

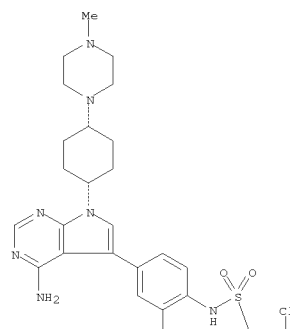
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-10-7

CMF C29 H32 C12 F N7 O2 S

Relative stereochemistry.



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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



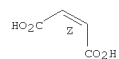
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CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-13-0 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-12-9

CMF C29 H33 Cl F N7 O2 S

Relative stereochemistry.



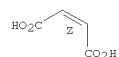
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-15-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

10534427b.trn

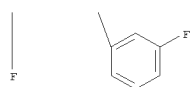
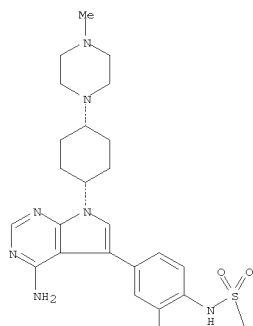
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262443-14-1  
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

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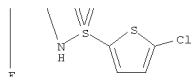
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

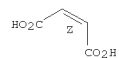
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



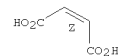
RN 262443-19-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-18-5  
CMF C29 H31 Br F3 N7 O2 S

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



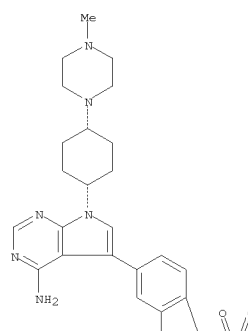
RN 262443-17-4 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262443-16-3  
CMF C27 H31 Cl F N7 O2 S2

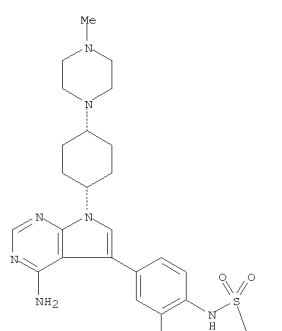
Relative stereochemistry.

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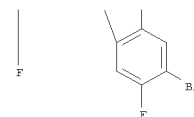


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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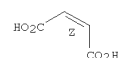
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-21-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-

10534427b.trn

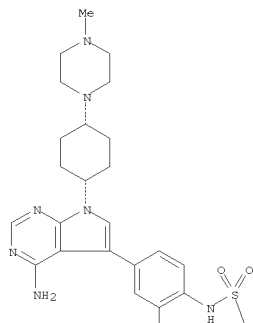
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

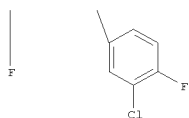
CRN 262443-20-9  
CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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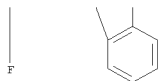


CM 2

CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

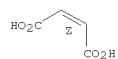
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-25-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-(trifluoromethoxy)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

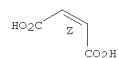
CM 1

CRN 262443-24-3  
CMF C30 H33 F4 N7 O3 S

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.



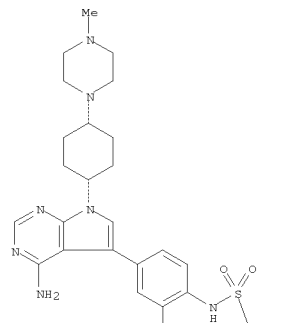
RN 262443-23-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-iodo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-22-1  
CMF C29 H33 F I N7 O2 S

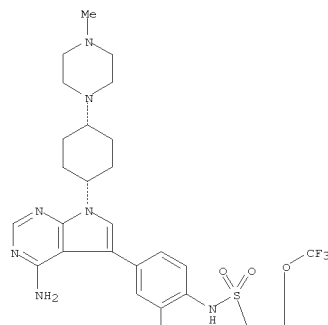
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



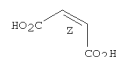
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-27-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

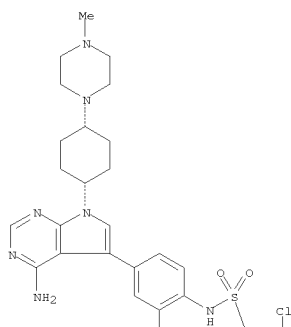
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

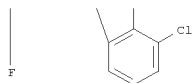
CRN 262443-26-5

CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.



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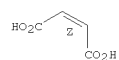
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-29-8 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-6-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

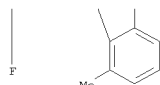
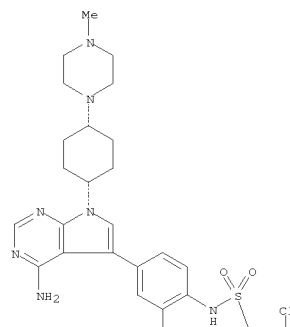
CM 1

CRN 262443-28-7

CMF C30 H35 Cl F N7 O2 S

Relative stereochemistry.

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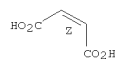
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-31-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-cyano-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

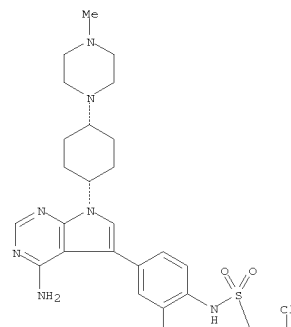
CRN 262443-30-1

CMF C30 H32 Cl F N8 O2 S

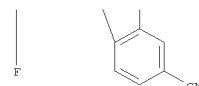
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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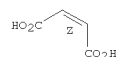


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-34-5 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trifluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

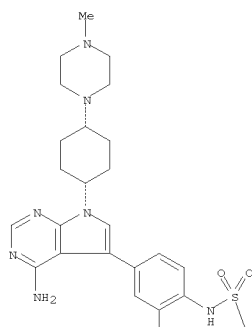
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

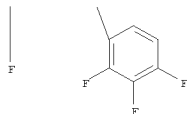
CRN 262443-33-4

CMF C29 H31 F4 N7 O2 S

Relative stereochemistry.



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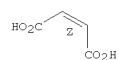
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-37-8 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

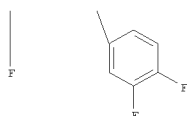
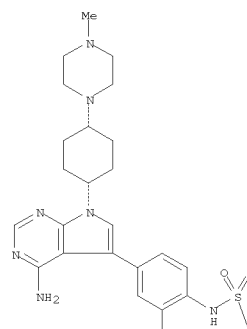
CM 1

CRN 262443-36-7

CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

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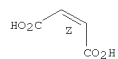
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-40-3 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

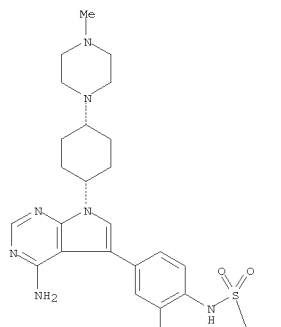
CRN 262443-39-0

CMF C29 H32 Br F2 N7 O2 S

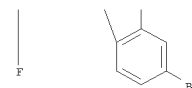
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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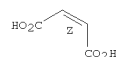


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-42-5 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

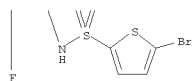
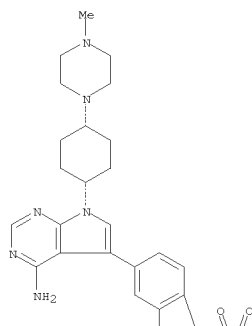
CM 1

CRN 262443-41-4

CMF C27 H31 Br F N7 O2 S2

Relative stereochemistry.

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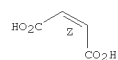
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-44-7 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

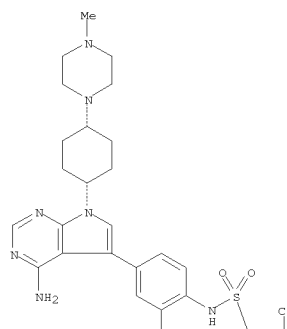
CM 1

CRN 262443-43-6

CMF C29 H32 Cl2 F N7 O2 S

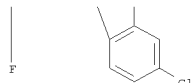
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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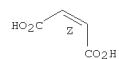


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-47-0 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

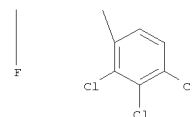
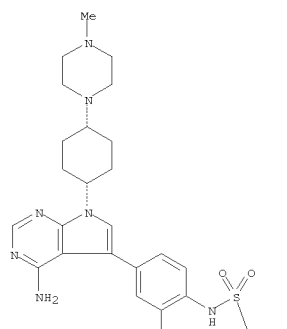
CRN 262443-46-9

CMF C29 H31 Cl3 F N7 O2 S

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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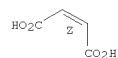
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-49-2 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-

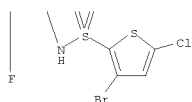
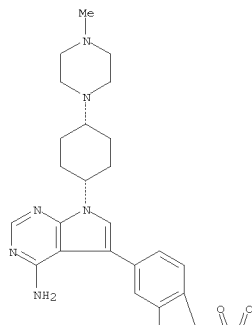
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
bromo-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-48-1  
CMF C27 H30 Br Cl F N7 O2 S2

Relative stereochemistry.

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CM 2

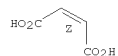
CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



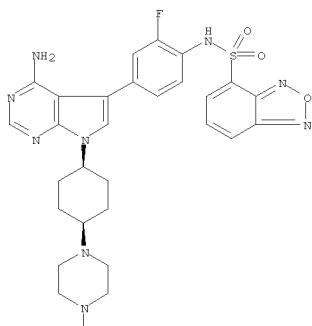
RN 262443-53-8 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

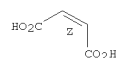
CRN 262443-52-7  
CMF C29 H32 F N9 O3 S

Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Double bond geometry as shown.



RN 262443-51-6 CAPLUS

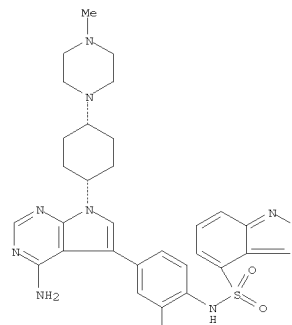
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-50-5  
CMF C29 H32 F N9 O2 S2

Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

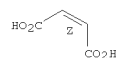
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-55-0 CAPLUS

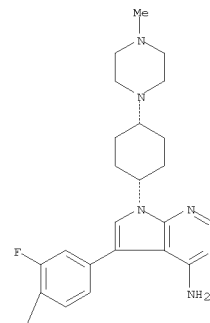
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-54-9  
CMF C29 H31 Cl F N9 O3 S

Relative stereochemistry.

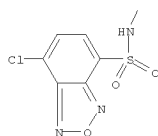
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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

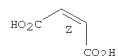


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-57-2 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

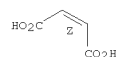
CM 1

CRN 262443-56-1

CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-59-4 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

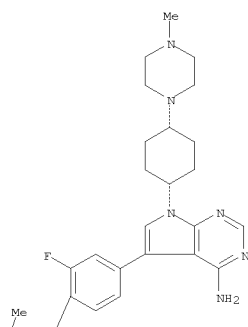
CM 1

CRN 262443-58-3

CMF C30 H34 F N9 O2 S2

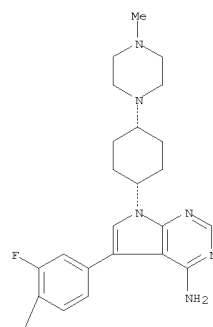
Relative stereochemistry.

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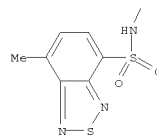


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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CM 2

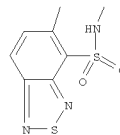
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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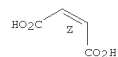


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-61-8 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-60-7

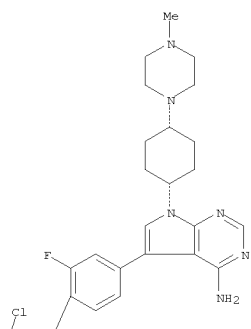
CMF C29 H31 Cl F N9 O2 S2

Relative stereochemistry.

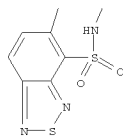
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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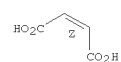
PAGE 2-A



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

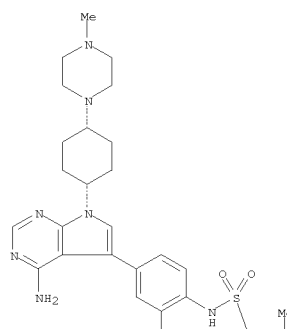


RN 262443-63-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-2-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
CRN 262443-62-9  
CMF C30 H35 Cl F N7 O2 S

Relative stereochemistry.

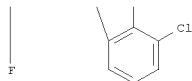
PAGE 1-A



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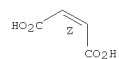
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

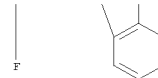


RN 262443-65-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
CRN 262443-64-1  
CMF C29 H33 Br F N7 O2 S

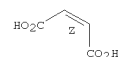
Relative stereochemistry.

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CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-67-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-dibromo-3,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

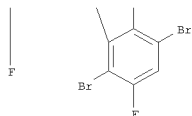
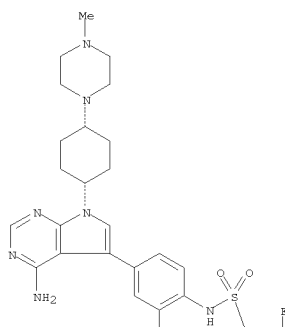
CM 1

CRN 262443-66-3

CMF C29 H30 Br2 F3 N7 O2 S

Relative stereochemistry.

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CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

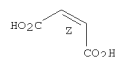
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7

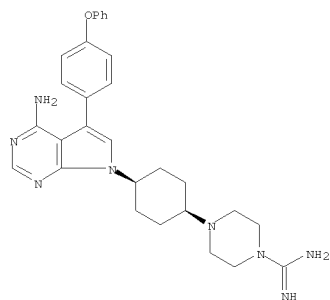
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-70-9 CAPLUS  
CN 1-Piperazinecarboximidamide, 4-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

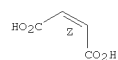
Relative stereochemistry.



RN 262443-71-0 CAPLUS  
CN 1-Piperazinecarboximidamide, 4-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-69-6 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

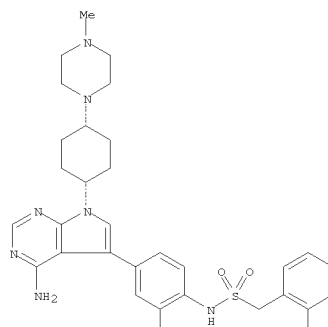
CM 1

CRN 262443-68-5

CMF C30 H35 F N8 O4 S

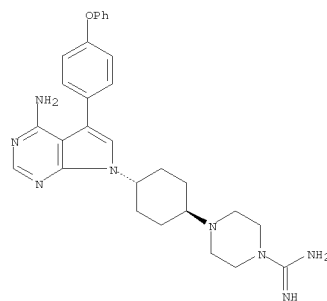
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



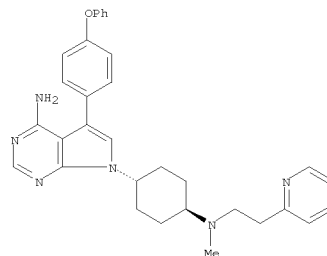
RN 262443-73-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[methyl[2-(2-pyridinyl)ethyl]amino]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-72-1

CMF C32 H34 N6 O

Relative stereochemistry.



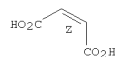
CM 2

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

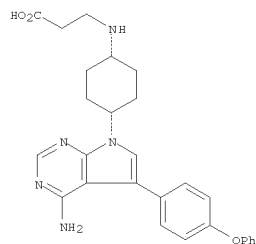
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-74-3 CAPLUS  
CN β-Alanine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

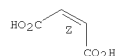
Relative stereochemistry.



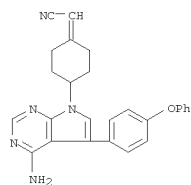
RN 262443-75-4 CAPLUS  
CN β-Alanine, N-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

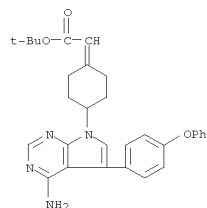
Double bond geometry as shown.



RN 262443-78-7 CAPLUS  
CN Acetonitrile,  
[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]- (9CI) (CA INDEX NAME)

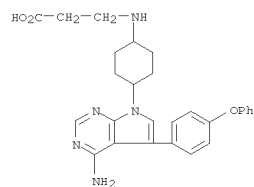


RN 262443-79-8 CAPLUS  
CN Acetic acid,  
[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 262443-80-1 CAPLUS  
CN Acetic acid,  
[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]-, ethyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

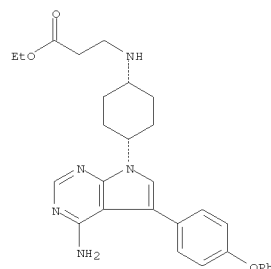


RN 262443-77-6 CAPLUS  
CN β-Alanine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, ethyl ester, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 262443-76-5  
CMF C29 H33 N5 O3

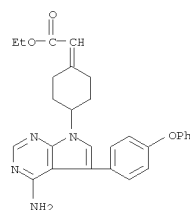
Relative stereochemistry.



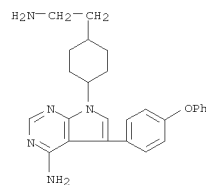
CM 2

CRN 110-16-7  
CMF C4 H4 O4

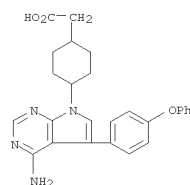
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-82-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(2-aminoethyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)



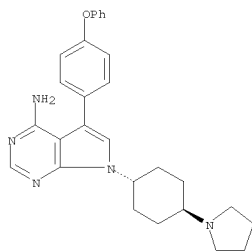
RN 262443-83-4 CAPLUS  
CN Cyclohexanecarboxylic acid, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262443-84-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



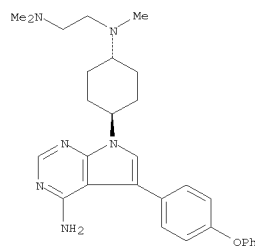
RN 262443-86-7 CAPLUS  
 CN 1,2-Ethanediamine,  
 N-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl-, (2Z)-2-butenedioate (1:3)  
 (9CI) (CA INDEX NAME)

CM 1

CRN 262443-85-6  
 CMF C29 H36 N6 O

Relative stereochemistry.

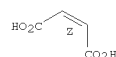
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

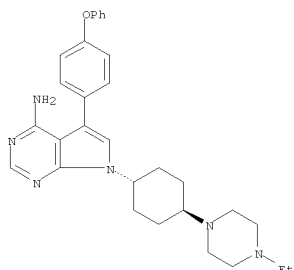
Double bond geometry as shown.



RN 262443-87-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

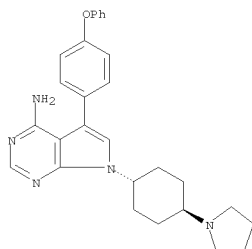


RN 262443-88-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrrolidinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262443-84-5  
 CMF C28 H31 N5 O

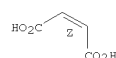
Relative stereochemistry.



CM 2

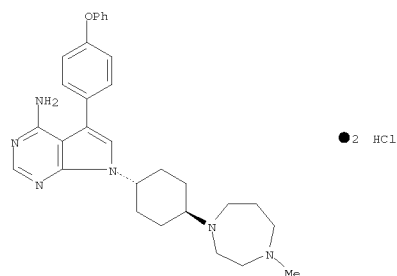
CRN 110-16-7  
 CMF C4 H4 O4

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-90-3 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 7-[trans-4-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)cyclohexyl]-5-(4-phenoxyphenyl)-, dihydrochloride (9CI)  
 (CA INDEX NAME)

Relative stereochemistry.



RN 262443-93-6 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
 (CA INDEX NAME)

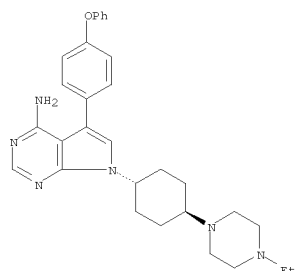
CM 1

CRN 262443-87-8  
 CMF C30 H36 N6 O

Relative stereochemistry.

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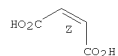
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



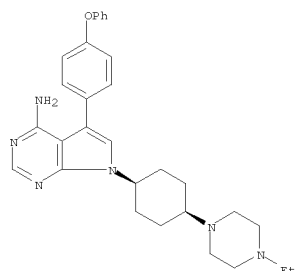
RN 262443-95-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-(4-ethyl-1-piperazinyl)cyclohexyl)-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-75-8  
CMF C30 H36 N6 O

Relative stereochemistry.

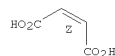
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



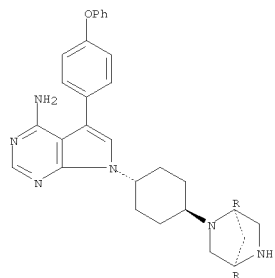
RN 262443-98-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(trans-4-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-ylcyclohexyl)-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262443-97-0  
CMF C29 H32 N6 O

Relative stereochemistry.

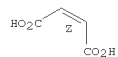
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



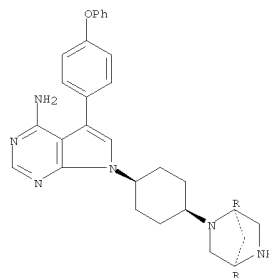
RN 262444-00-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(cis-4-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-ylcyclohexyl)-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262443-99-2  
CMF C29 H32 N6 O

Relative stereochemistry.

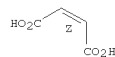
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-01-9 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

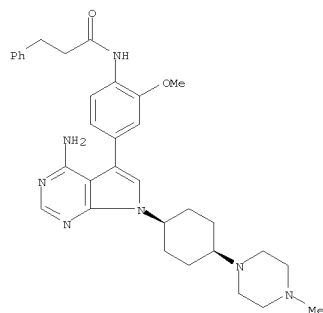
CM 1

CRN 262442-22-8  
CMF C33 H41 N7 O2

Relative stereochemistry.

10534427b.trn

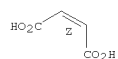
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

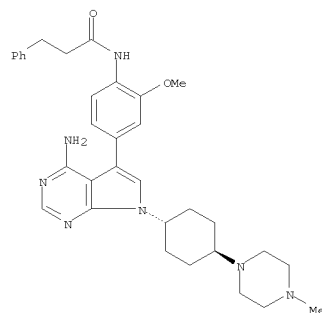
Double bond geometry as shown.



RN 262444-02-0 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-  
(CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



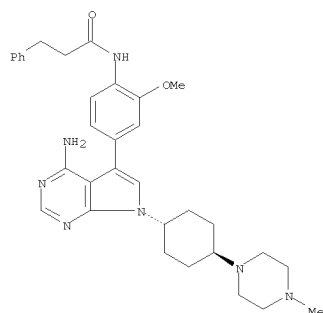
RN 262444-03-1 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-  
, (2E)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-02-0  
CMF C33 H41 N7 O2

Relative stereochemistry.

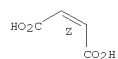
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

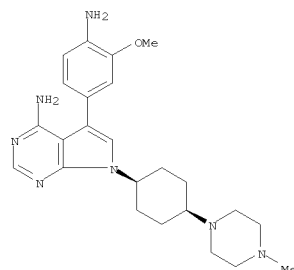
Double bond geometry as shown.



RN 262444-05-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

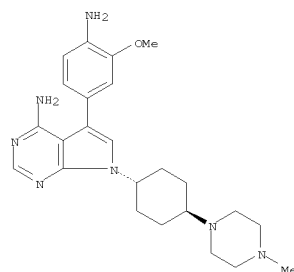
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-06-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

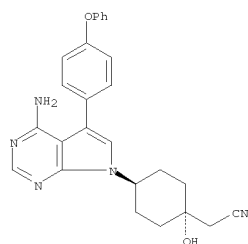


RN 262444-07-5 CAPLUS  
CN Cyclohexanecarbonitrile, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

Relative stereochemistry.

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



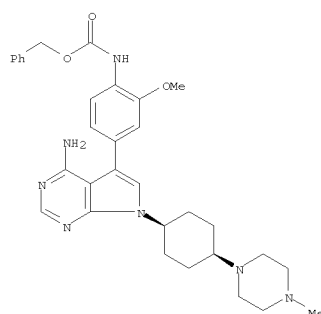
RN 262444-68-8 CAPLUS  
CN Carbanic acid,  
[4-[4-amino-7-[(1S,2S)-2-cyano-1-hydroxycyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester,  
(2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262444-67-7  
CMF C32 H39 N7 O3

Relative stereochemistry.

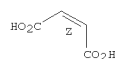
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



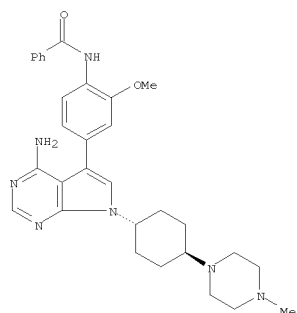
RN 262444-69-9 CAPLUS  
CN Benzanide,  
N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate  
(1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-81-9  
CMF C31 H37 N7 O2

Relative stereochemistry.

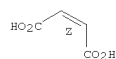
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-71-3 CAPLUS  
CN Benzonitrile, 2-[4-[4-amino-7-[(1S,2S)-2-cyano-1-hydroxycyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(3-methoxypropyl)amino]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

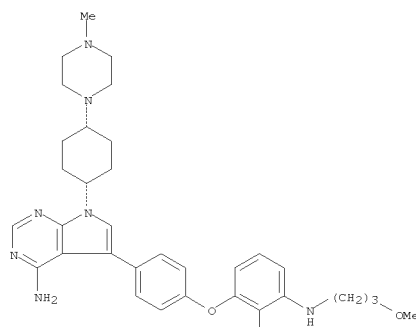
CM 1

CRN 262444-70-2  
CMF C34 H42 N8 O2

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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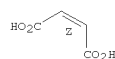
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-73-5 CAPLUS  
CN Benzonitrile,  
2-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(3-methoxypropyl)amino]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-72-4



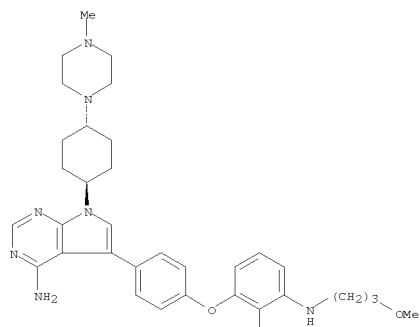
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMF C34 H42 N8 O2

Relative stereochemistry.

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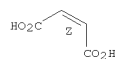
PAGE 2-A



CM 2

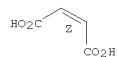
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-75-7 CAPLUS  
CN Benzonitrile, 2-amino-6-[4-[4-amino-7-[cis-4-(4-methyl-1-

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



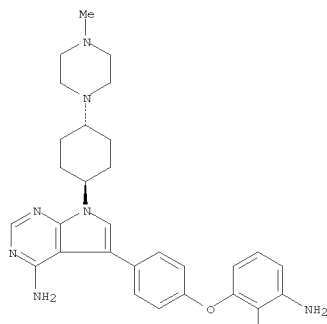
RN 262444-77-9 CAPLUS  
CN Benzonitrile, 2-amino-6-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-76-8  
CMF C30 H34 N8 O

Relative stereochemistry.

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CM 2

CRN 110-16-7  
CMF C4 H4 O4

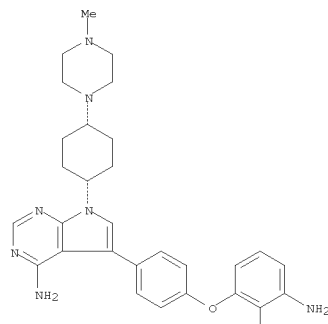
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-74-6  
CMF C30 H34 N8 O

Relative stereochemistry.

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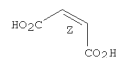
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.



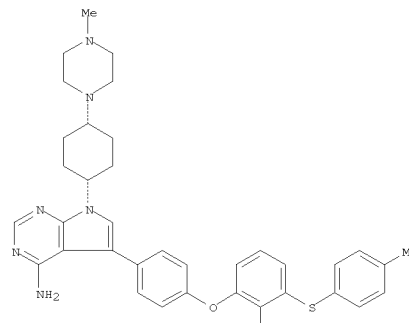
RN 262444-79-1 CAPLUS  
CN Benzonitrile, 2-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(4-methylphenyl)thio]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-78-0  
CMF C37 H39 N7 O S

Relative stereochemistry.

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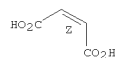


CM 2

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



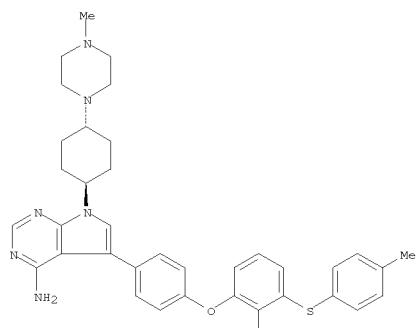
RN 262444-81-5 CAPLUS  
CN Benzonitrile,  
2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(4-methylphenyl)thio]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-80-4  
CMF C37 H39 N7 O S

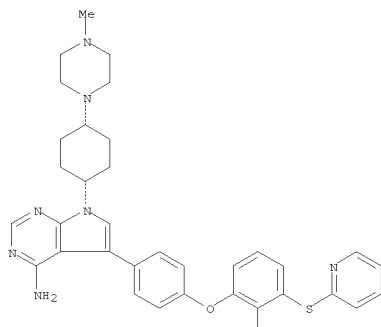
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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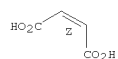
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-85-9 CAPLUS  
CN Benzonitrile,  
2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-(2-pyridinylthio)-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-84-8

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

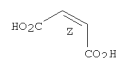
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-83-7 CAPLUS  
CN Benzonitrile, 2-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-(2-pyridinylthio)-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-82-6  
CMF C35 H36 N8 O S

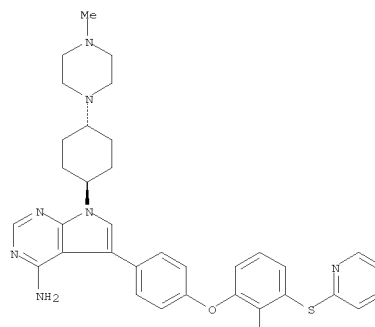
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMF C35 H36 N8 O S

Relative stereochemistry.

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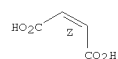
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-87-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(2-methyl-4-phenoxyphenyl)-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

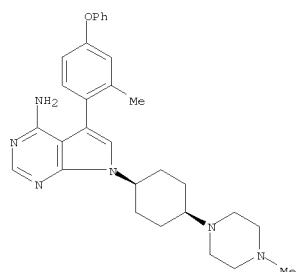
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262444-86-0  
CMF C30 H36 N6 O

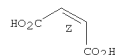
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-89-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-88-2  
CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

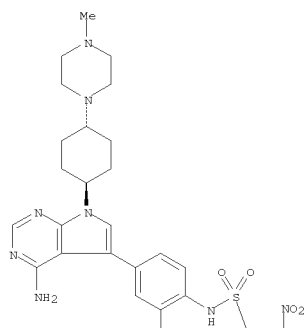
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

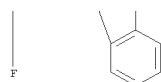
CM 1

CRN 262444-90-6  
CMF C29 H33 F N8 O4 S

Relative stereochemistry.



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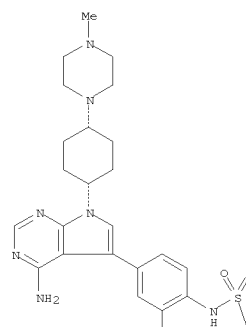
CM 2

CRN 110-16-7  
CMF C4 H4 O4

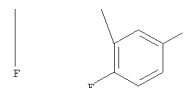
Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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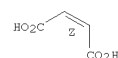
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-91-7 CAPLUS

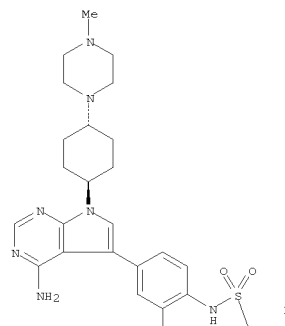
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

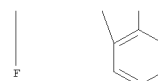
CM 1

CRN 262444-92-8  
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.



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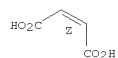
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



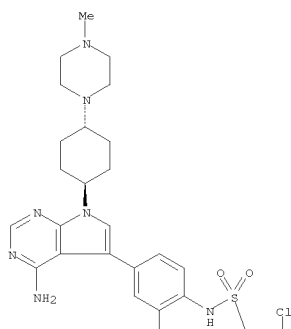
RN 262444-95-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4,6-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-94-0  
CMF C29 H31 Cl3 F N7 O2 S

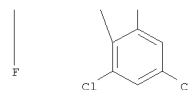
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

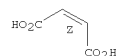
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-97-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

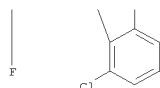
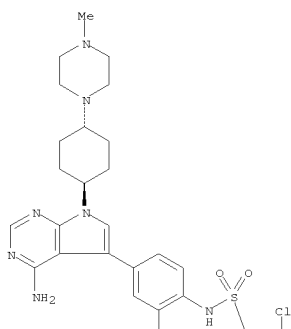
CM 1

CRN 262444-96-2  
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

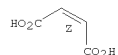
PAGE 1-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-99-5 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

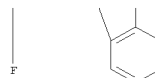
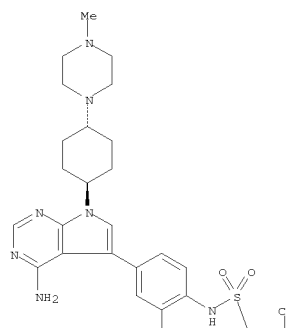
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262444-98-4  
CMF C29 H33 Cl1 F N7 O2 S

Relative stereochemistry.

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CM 2

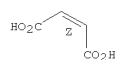
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

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10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



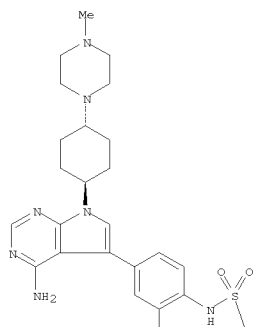
RN 262445-01-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262445-00-1  
CMF C29 H33 F2 N7 O2 S

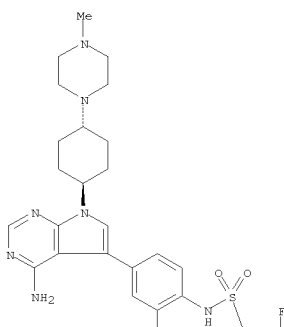
Relative stereochemistry.

PAGE 1-A

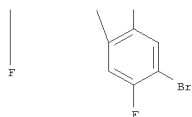


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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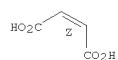
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

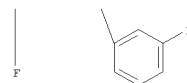


RN 262445-05-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

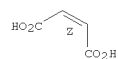
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-03-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-02-3  
CMF C29 H31 Br F3 N7 O2 S

Relative stereochemistry.

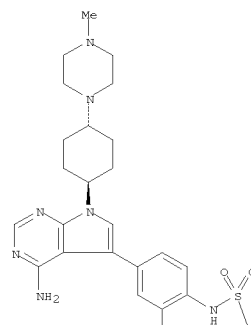
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

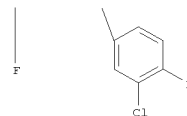
CRN 262445-04-5  
CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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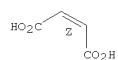
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



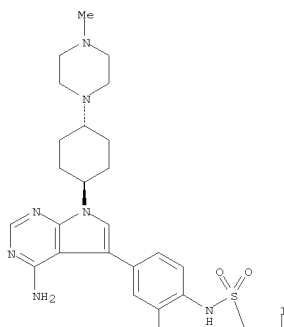
RN 262445-07-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-iodo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-06-7  
CMF C29 H33 F I N7 O2 S

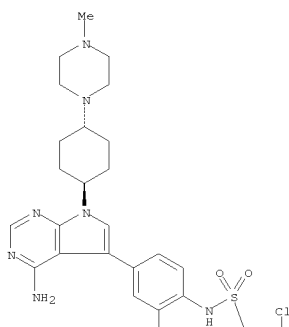
Relative stereochemistry.

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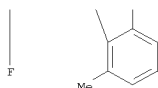


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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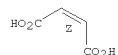
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

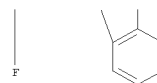
Double bond geometry as shown.



RN 262445-11-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-cyano-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

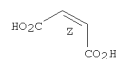
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-09-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-6-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-08-9  
CMF C30 H35 Cl F N7 O2 S

Relative stereochemistry.

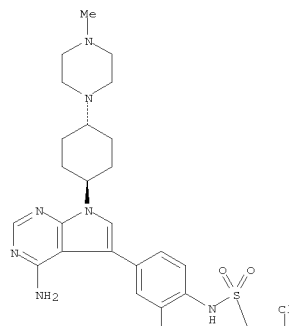
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

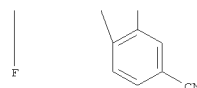
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CMF C30 H32 Cl F N8 O2 S

Relative stereochemistry.

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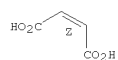
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



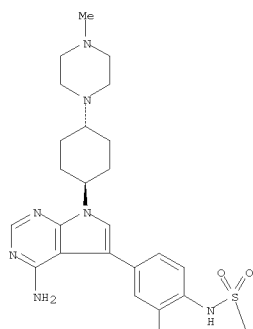
RN 262445-13-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-12-5  
CMF C29 H32 F3 N7 O2 S

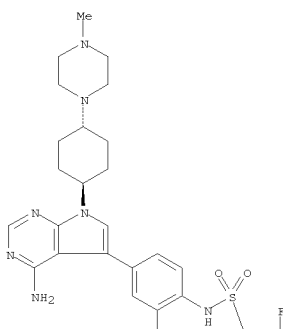
Relative stereochemistry.

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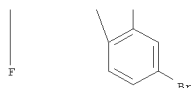


L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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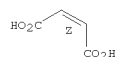
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

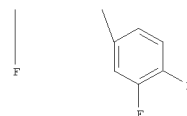


RN 262445-17-0 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

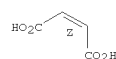
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-15-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-14-7  
CMF C29 H32 Br F2 N7 O2 S

Relative stereochemistry.

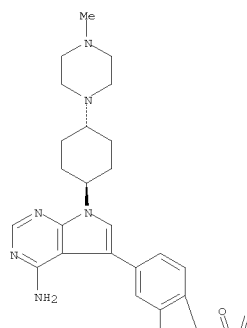
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

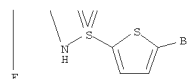
CRN 262445-16-9  
CMF C27 H31 Br F N7 O2 S2

Relative stereochemistry.

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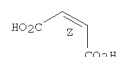
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

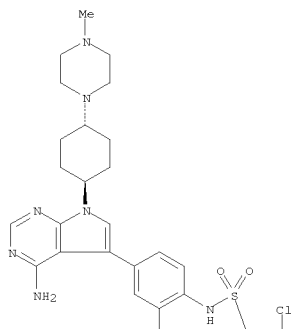


10534427b.trn

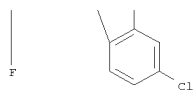
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262445-19-2 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)  
 CM 1  
 CRN 262445-18-1  
 CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

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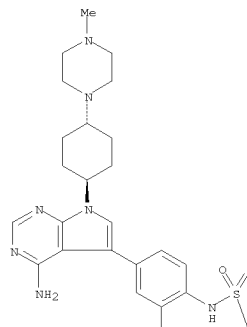


CM 2

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CRN 110-16-7  
 CMF C4 H4 O4  
 Double bond geometry as shown.  
 RN 262445-21-6 CAPLUS  
 CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)  
 CM 1  
 CRN 262445-20-5  
 CMF C29 H31 Cl3 F N7 O2 S

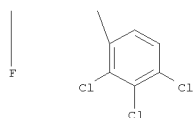
Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

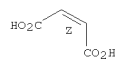
PAGE 2-A



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



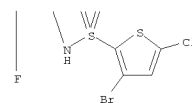
RN 262445-23-8 CAPLUS  
 CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-bromo-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-22-7  
 CMF C27 H30 Br Cl F N7 O2 S2

Relative stereochemistry.

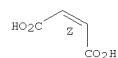
PAGE 2-A



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-25-0 CAPLUS  
 CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-,



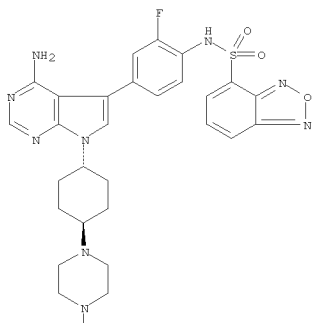
10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-24-9  
CMF C29 H32 F N9 O3 S

Relative stereochemistry.



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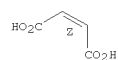
Me

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

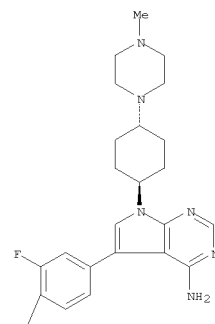


RN 262445-27-2 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

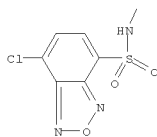
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CMF C29 H31 Cl F N9 O3 S

Relative stereochemistry.



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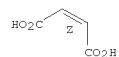
L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



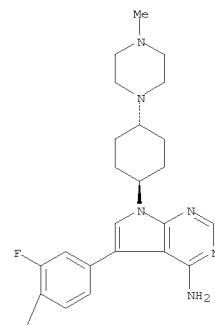
RN 262445-29-4 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

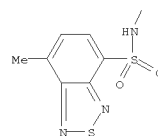
CRN 262445-28-3  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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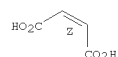


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-31-8 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

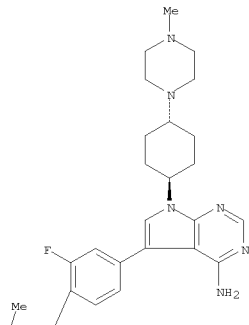
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

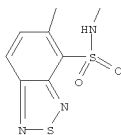
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CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

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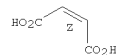


CM 2

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



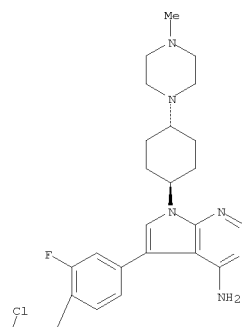
RN 262445-33-0 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-32-9  
CMF C29 H31 Cl F N9 O2 S2

Relative stereochemistry.

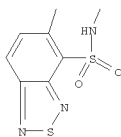
PAGE 1-A



PAGE 1-A

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

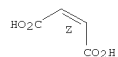
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-35-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-2-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

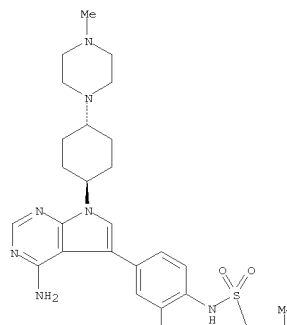
CM 1

CRN 262445-34-1  
CMF C30 H35 Cl F N7 O2 S

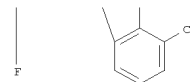
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A



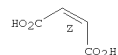
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-37-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

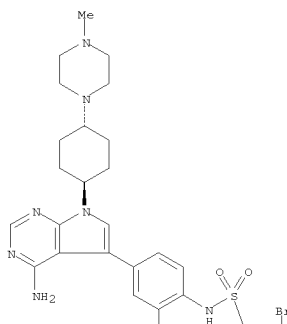
CM 1

CRN 262445-36-3

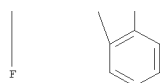
CMF C29 H33 Br F N7 O2 S

Relative stereochemistry.

PAGE 1-A



PAGE 2-A



CM 2

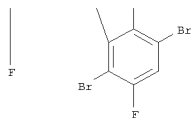
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

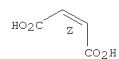


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-41-0 CAPLUS

CN Benzenemethanesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

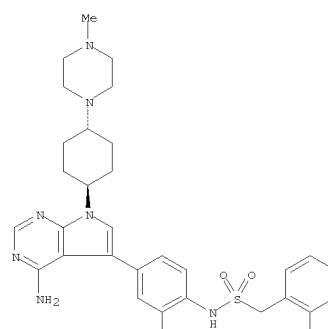
CM 1

CRN 262445-40-9

CMF C30 H35 F N8 O4 S

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

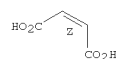


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



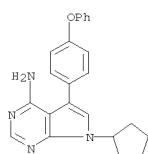
GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Chemical compds. having structural formula I and physiol. acceptable salts

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 and metabolites thereof, are inhibitors of serine/threonine and tyrosine kinase activity. Several of the kinases, whose activity is inhibited by these chem. compds., are involved in immunol., hyperproliferative, or angiogenic processes. Thus, these chem. compds. can ameliorate disease states where angiogenesis or endothelial cell hyperproliferation is a factor. These compds. can be used to treat cancer and hyperproliferative disorders, rheumatoid arthritis, disorders of the immune system, transplant rejections and inflammatory disorders. All exemplified compds. significantly inhibited either FGFR, PDGFR, KDR, Tie-2, Lck, Fyn, Blk, Lyn, or Src at  $\leq 50 \mu\text{M}$ , and some significantly inhibited cdc2 at  $\leq 50 \mu\text{M}$ . In I, ring A is a six membered arom. ring or a five or six membered heteroarom. ring which is optionally substituted. L is -O-, -S-, -S(O)-, -S(O)2-, -N(R)-, -N[C(O)OR]-, -N[C(O)R]-, -N(SO2R)-, -CH2O-, -CH2S-, -CH2N(R)-, -C(NR)-, -CH2N[C(O)R]-, -CH2N[C(O)OR]-, -CH2N(SO2R)-, -CH(NHR)-, -CH[NHC(O)R]-, -CH[NHSO2R]-, -CH[NHC(O)OR]-, -CH[OC(O)R]-, -CH[OC(O)NHR]-, -CH:CH-, -C(=NOR)-, -C(O)-, -CH(OR)-, -C(O)N(R)-, -N(R)C(O)-, -N(R)S(O)-, -N(R)S(O)2-, -OC(O)N(R)-, -N(R)C(O)N(R)-, -NRC(O)O-, -S(O)N(R)-, -S(O)2N(R)-, -N[C(O)R]S(O)-, -N[C(O)R]S(O)2-, -N(R)S(O)N(R)-, -N(R)S(O)2N(R)-, -C(O)N(R)C(O)-, -S(O)N(R)C(O)-, -S(O)2N(R)C(O)-, -OS(O)N(R)-, -OS(O)2N(R)-, -N(R)S(O)O-, -N(R)S(O)2O-, -N(R)S(O)C(O)-, -N(R)S(O)2C(O)-, -SON[C(O)R]-, -SO2N[C(O)R]-, -N(R)SON(R)-, -N(R)SO2N(R)-, -C(O)O-, -N(R)P(OR')O-, -N(R)P(OR')-, -N(R)P(O)(OR')O-, -N(R)P(O)(OR')-, -N[C(O)R]P(OR')O-, -N[C(O)R]P(OR')-, -N[C(O)R]P(O)(OR')O-, -N[C(O)R]P(O)(OR')-, -N(C(O)R)S(O)-, or -CH(R)S(O)2-. L is also -CH(R)N[C(O)OR]-, -CH(R)N[C(O)R]-, -CH(R)N(SO2R)-, -CH(R)O-, -CH(R)S-, -CH(R)N(R)-, -CH(R)N[C(O)R]-, -CH(R)N[C(O)OR]-, -CH(R)N(SO2R)-, -CH(R)C(=NOR)-, -CH(R)C(O)-, -CH(R)CH(OR)-, -CH(R)C(O)N(R)-, -CH(R)N(R)C(O)-, -CH(R)N(R)S(O)-, -CH(R)N(R)S(O)2-, -CH(R)OC(O)N(R)-, -CH(R)N(R)C(O)N(R)-, -CH(R)N(R)C(O)O-, -CH(R)S(O)N(R)-, -CH(R)S(O)2N(R)-, -CH(R)N(C(O)R)S(O)-, -CH(R)N[C(O)R]S(O)2-, -CH(R)N(R)S(O)N(R)-, -CH(R)N(R)S(O)2N(R)-, -CH(R)C(O)N(R)C(O)-, -CH(R)S(O)N(R)C(O)-, -CH(R)S(O)2N(R)C(O)-, -CH(R)OS(O)N(R)-, -CH(R)OS(O)2N(R)-, -CH(R)N(R)S(O)O-, -CH(R)N(R)S(O)2O-, -CH(R)N(R)S(O)C(O)-, -CH(R)N(R)S(O)2C(O)-, -CH(R)SON[C(O)R]-, -CH(R)S(O)2N[C(O)R]-, -CH(R)N(R)SON(R)-, -CH(R)N(R)S(O)2N(R)-, -CH(R)C(O)O-, -CH(R)N(R)P(OR')O-, -CH(R)N(R)P(OR')-, -CH(R)N(R)P(O)(OR')O-, -CH(R)N(R)P(O)(OR')-, -CH(R)N[C(O)R]P(OR')O-, -CH(R)N[C(O)R]P(OR')-, -CH(R)N[C(O)R]P(O)(OR')O-, or -CH(R)N[C(O)R]P(O)(OR')-. In L, each R and R' is, independently, -H, acyl, substituted or unsubstituted aliph., arom., arylalkyl, heteroarom., cycloalkyl or arylalkyl; or L is -RbN(R)S(O)2-, -RbN(R)P(O)-, or -RbN(R)P(O)O-, wherein Rb is an alkylene group which when taken together with the sulfonamide, phosphinamide, or phosphonamide group to which it is bound forms a five or six membered ring fused to ring A; or L is II (X = O or nil; Y = O or nil) or III (Y = O, nil) wherein R85 taken together with the phosphinamide, or phosphonamide is a 5-, 6-, or 7-membered, arom., heteroarom. or heterocycloalkyl ring system. G is a direct bond, -(CH2)j- (j = 1-6), C2-C6-alkenylene, C3-C8-cycloalkylene or C1-C6-oxaalkylene group. R1 is substituted or optionally substituted aliph., cycloalkyl,

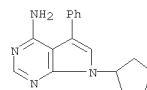
L5 ANSWER 15 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:393957 CAPLUS  
 DOCUMENT NUMBER: 135:39104  
 TITLE: 7-Cyclopentyl-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidine-4-ylamine, a lck tyrosine kinase inhibitor  
 AUTHOR(S): Banic Tomisic, Zrinka; Cempuh, Andreja; Malnar, Ivica  
 CORPORATE SOURCE: PLIVA Pharmaceutical Industry Inc. -RandD, Zagreb, HR-10000, Croatia  
 SOURCE: Acta Crystallographica, Section E: Structure Reports Online (2001), E57(6), o511-o513  
 CODEN: ACSEBH; ISSN: 1600-5368  
 URL: <http://journals.iucr.org/e/issues/2001/06/00/na60>  
 PUBLISHER: International Union of Crystallography  
 DOCUMENT TYPE: Journal; (online computer file)  
 LANGUAGE: English  
 IT 213743-31-8  
 RI: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)  
 (crystal structure of)  
 RN 213743-31-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)



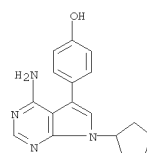
AB The mol. and crystal structures of the potent and selective lck tyrosine kinase inhibitor, C23H22N4O, were determined by single-crystal x-ray diffraction. The pyrrolopyrimidine and Ph rings are planar while the cyclopentyl ring adopts a conformation between envelope and half-chair. The overall conformation is defined by the spatial arrangement of the ring moieties. Crystallog. data are given.  
 REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 bicycloalkyl, cycloalkenyl, arom., heteroarom., heteroaralkyl, heterocycloalkyl, heterobicycloalkyl, alkylamido, arylamido, -S(O)2-alkyl, -S(O)2-cycloalkyl, -C(O)alkyl, or -B-E, wherein B is substituted or unsubstituted cycloalkyl, heterocycloalkyl, arom., heteroarom., alkylene, aminoalkyl, alkenecarbonyl, or aminoalkylcarbonyl and E is substituted or unsubstituted azacycloalkyl, azacycloalkylcarbonyl, azacycloalkylsulfonyl, azacycloalkylalkyl, heteroaryl, heteroarylcarbonyl, heteroarylsulfonyl, heteroaralkyl, alkyl sulfonamido, aryl sulfonamido, bicycloalkyl, ureido, thioureido or aryl. R2 is -H or substituted or unsubstituted aliph., cycloalkyl, halogen, -OH, cyano, arom., heteroarom., heterocycloalkyl, aralkyl, heteroaralkyl, -(CH2)0-3NR4R5, or -(CH2)0-3C(O)NR4R5. R3 is substituted or unsubstituted aliph., alkenyl, cycloalkyl, arom., heteroarom., or heterocycloalkyl with provisos. R4, R5 and the N atom together form a 3, 4, 5, 6 or 7-membered, substituted or unsubstituted heterocycloalkyl, heterobicycloalkyl or heteroarom.; or R4 and R5 are each, independently, -H, azabicycloalkyl, heterocycloalkyl, substituted or unsubstituted alkyl or Y-2; Y is -C(O)-, -(CH2)p-, -S(O)2-, -C(O)O-, -SO2NH-, -CONH-, -(CH2)pO-, -(CH2)pNH-, -(CH2)pS-, -(CH2)pS(O)-, and -(CH2)pS(O)2-; p = 0-6; and Z is -H, or substituted or unsubstituted alkyl, amino, aryl, heteroaryl or heterocycloalkyl. 546 Example preps. are included. For example, addn. of piperidine to 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexanone in DCE and AcOH, followed by treatment with Na[AcO]3BH, workup and chromatog., gave cis- and trans-IV.  
 REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L5 ANSWER 16 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:207079 CAPLUS  
 DOCUMENT NUMBER: 135:46150  
 TITLE: 7-Alkyl- and 7-cycloalkyl-5-arylpyrrolo[2,3-d]pyrimidines, potent inhibitors of the tyrosine kinase c-src  
 AUTHOR(S): Widler, L.; Green, J.; Missbach, M.; Susa, M.; Altmann, E.  
 CORPORATE SOURCE: Arthritis and Bone Metabolism Therapeutic Area, Novartis Pharma Research, Basel, CH-4002, Switz.  
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2001), 11(6), 849-852  
 CODEN: BMCLB8; ISSN: 0960-894X  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 135:46150  
 IT 194787-44-5P 194787-68-3P 344359-25-7P  
 344359-26-8P 344359-28-0P  
 RI: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (preparation of pyrrolo[2,3-d]pyrimidines as inhibitors of tyrosine kinase c-src)  
 RN 194787-44-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-phenyl- (CA INDEX NAME)



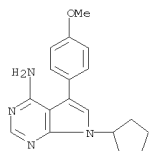
RN 194787-68-3 CAPLUS  
 CN Phenol, 4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)- (CA INDEX NAME)



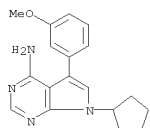
RN 344359-25-7 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-methoxyphenyl)-

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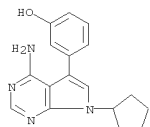
L5 ANSWER 16 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(CA INDEX NAME)



RN 344359-26-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-(3-methoxyphenyl)-  
(CA INDEX NAME)



RN 344359-28-0 CAPLUS  
CN Phenol, 3-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-  
(CA INDEX NAME)



AB 7-Substituted 5-arylpyrrolo[2,3-d]pyrimidines were prepared starting from  $\alpha$ -bromoacetophenones. These compds. represent a novel class of potent inhibitors of the tyrosine kinase pp60c-src with good specificity towards other tyrosine kinases (EGF-R, v-Abl).

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS

L5 ANSWER 17 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

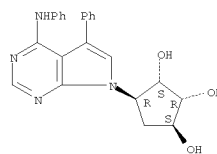
ACCESSION NUMBER: 2000:784379 CAPLUS  
DOCUMENT NUMBER: 133:350235  
TITLE: Preparation of heterocyclic substituted cyclopentane compounds as inhibitors of adenosine kinase  
INVENTOR(S): Bhagwat, Shripad S.; Cowart, Marlon Daniel  
PATENT ASSIGNEE(S): Abbott Laboratories, USA  
SOURCE: U.S., 31 pp., Cont.-in-part of U.S. Ser. No. 472,486, abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6143749	A	20001107	US 1996-651882	19960604
CA 2220006	A1	19961219	CA 1996-2220006	19960606
WO 9640686	A1	19961219	WO 1996-US9042	19960606
W: CA, JP, MX				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
EP 873340	A1	19981028	EP 1996-918151	19960606
EP 873340	B1	20011121		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
JP 2000501694	T	20000215	JP 1997-501456	19960606
AT 209206	T	20011215	AT 1996-918151	19960606
PT 873340	T	20020531	PT 1996-918151	19960606
ES 2168479	T3	20020616	ES 1996-918151	19960606
PRIORITY APPLN. INFO.:				
US 1995-472486 B2 19950607				
US 1996-651882 A 19960604				
WO 1996-US9042 W 19960606				

OTHER SOURCE(S): MARPAT 133:350235  
IT 186141-60-6P 186141-61-7P 186142-15-4P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of heterocyclic substituted cyclopentane compds. as inhibitors of adenosine kinase)  
RN 186141-60-6 CAPLUS  
CN 1,2,3-Cyclopentanetriol, 4-[5-phenyl-4-(phenylamino)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, (1S,2R,3S,4R)- (CA INDEX NAME)

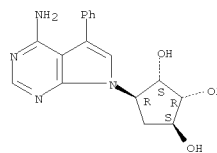
Absolute stereochemistry. Rotation (-).

L5 ANSWER 16 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT



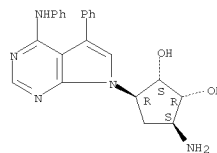
RN 186141-61-7 CAPLUS  
CN 1,2,3-Cyclopentanetriol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-, (1S,2R,3S,4R)-  
(CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



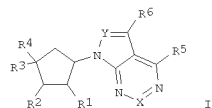
RN 186142-15-4 CAPLUS  
CN 1,2-Cyclopentanediol, 3-amino-5-[5-phenyl-4-(phenylamino)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, (1S,2R,3S,5R)-  
(CA INDEX NAME)

Absolute stereochemistry.



GI

L5 ANSWER 17 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



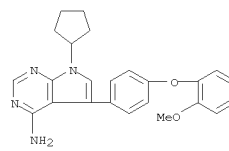
AB Heterocyclic substituted cyclopentane compds. I [X = CR7; Y = N, CH; R1 and R2 are each independently hydroxy, alkoxy, or acyloxy or R1 and R2 are both hydroxy protected with an individual hydroxy protecting group or with a single dihydroxy-protecting group or R1 and R2 are absent and there is a double bond between the carbon atoms to which R1 and R2 are attached; R3 = hydrogen, hydroxy, alkoxy; R4 = H, amino, halo, etc.; R5 = hydrogen, lower alkyl, aryl, arylalkyl, heteroaryl, amino, alkylamino, alkoxy, acylamino, arylalkynyl, arylamino, arylmercapto, alkylmercapto, etc.; R6 = lower alkyl, cycloalkyl, alkenyl, alkynyl, alkoxy, alkoxycarbonyl, etc.]; useful in inhibiting adenosine kinase, were prepared E.g., N-(1'R,2'S,3'R,4'S)-2',3',4'-triacetoxycyclopentyl)-4-chloropyrrolopyrimidine was prepared

REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS

FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

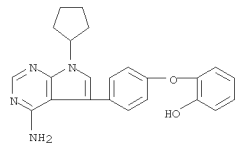
L5 ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:656737 CAPLUS  
DOCUMENT NUMBER: 134:13076  
TITLE: Pyrrolo[2,3-d]pyrimidines containing an extended 5-substituent as potent and selective inhibitors of lck II  
AUTHOR(S): Burchat, A. F.; Calderwood, D. J.; Hirst, G. C.; Holman, N. J.; Johnston, D. N.; Munschauer, R.; Rafferty, P.; Tometzki, G. B.  
CORPORATE SOURCE: BASF BioResearch Corporation, Worcester, MA, 01605-5314, USA  
SOURCE: Bioorganic & Medicinal Chemistry Letters (2000), 10(19), 2171-2174  
CODEN: BMCLE8; ISSN: 0960-894X  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 213744-00-4P 213744-02-6P 213744-06-0P  
262431-64-1P 262431-65-2P 262433-34-1P  
309724-08-1P 309724-09-2P 309724-10-5P  
309724-11-6P 309724-12-7P 309724-13-8P  
309724-14-9P  
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
(pyrrolopyrimidines as potent and selective inhibitors of lck II)  
RN 213744-00-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-[4-(2-methoxyphenoxy)phenyl]- (CA INDEX NAME)

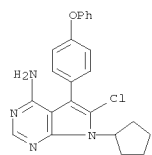


RN 213744-02-6 CAPLUS  
CN Phenol, 2-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenoxy]- (CA INDEX NAME)

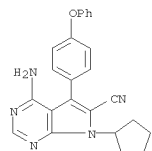
L5 ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 213744-06-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-chloro-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

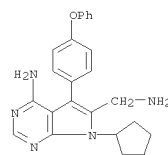


RN 262431-64-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidine-6-carbonitrile, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

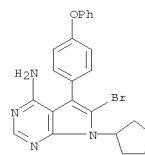


RN 262431-65-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidine-6-methanamine, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

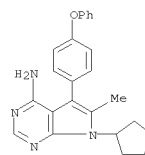
L5 ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262433-34-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-bromo-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

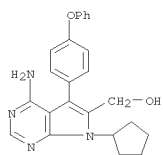


RN 309724-08-1 CAPLUS  
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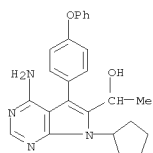


RN 309724-09-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidine-6-methanol, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

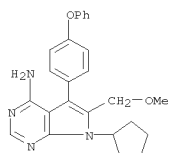
L5 ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 309724-10-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidine-6-methanol, 4-amino-7-cyclopentyl- $\alpha$ -methyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

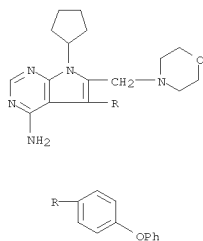


RN 309724-11-6 CAPLUS  
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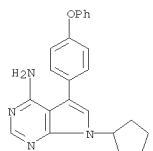


RN 309724-12-7 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidine-6-carboxylic acid, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

L5 ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



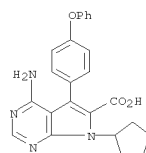
IT 213743-31-8  
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses) (pyrrolopyrimidines as potent and selective inhibitors of lck II)  
 RN 213743-31-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)



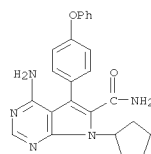
AB Pyrrolo[2,3-d]pyrimidines containing a 5-(4-phenoxyphenyl) substituent are novel, potent and selective inhibitors of lck in vitro. Exploration of C-6 position of the pyrrolo[2,3-d]pyrimidine and the terminal Ph group structure-activity relationship (SAR) is detailed. Compound 1 is orally active in animal models.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L5 ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



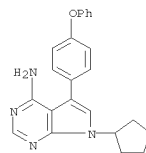
RN 309724-13-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidine-6-carboxamide, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)



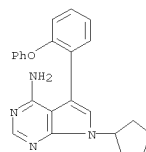
RN 309724-14-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-6-(4-morpholinylmethyl)-5-(4-phenoxyphenyl)- (CA INDEX NAME)

L5 ANSWER 19 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:656736 CAPLUS  
 DOCUMENT NUMBER: 134:13075  
 TITLE: Pyrrolo[2,3-d]pyrimidines containing an extended 5-substituent as potent and selective inhibitors of lck I  
 AUTHOR(S): Arnold, L. D.; Calderwood, D. J.; Dixon, R. W.; Johnston, D. N.; Kamens, J. S.; Munschauer, R.; Rafferty, P.; Ratnofsky, S. E.  
 CORPORATE SOURCE: BASF Bioresarch Corporation, Worcester, MA, 01605-5314, USA  
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2000), 10(19), 2167-2170  
 CODEN: BMCLE8; ISSN: 0960-894X  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 213743-31-8P 213743-80-7P 213743-82-9P  
 309739-68-2P 309739-69-3P 309739-70-6P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (pyrrolopyrimidines as potent and selective inhibitors of lck I)  
 RN 213743-31-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

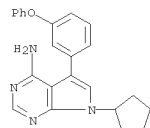


RN 213743-80-7 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(2-phenoxyphenyl)- (CA INDEX NAME)



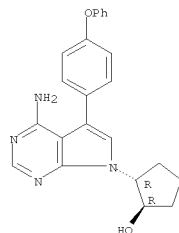
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L5 ANSWER 19 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 213743-82-9 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(3-phenoxyphenyl)-  
 (CA INDEX NAME)



RN 309739-68-2 CAPLUS  
 CN Cyclopentanol,  
 2-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
 yl]-, (1R,2R)-rel- (CA INDEX NAME)

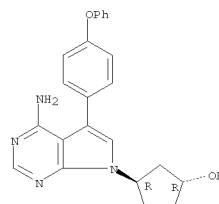
Relative stereochemistry.



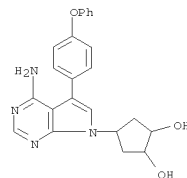
RN 309739-69-3 CAPLUS  
 CN Cyclopentanol,  
 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
 yl]-, (1R,3R)-rel- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 19 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 309739-70-6 CAPLUS  
 CN 1,2-Cyclopentanediol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-7-yl]- (CA INDEX NAME)



AB Pyrrolo[2,3-d]pyrimidines containing a 5-(4-phenoxyphenyl) substituent  
 are potent and selective inhibitors of lck in vitro; some compds. are  
 selective for lck over src. Data are shown for two compds. demonstrating  
 that they are potent and selective inhibitors of IL2 production in cells.  
 REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR  
 THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2000:210172 CAPLUS  
 DOCUMENT NUMBER: 132:251160  
 TITLE: Preparation of pyrrolopyrimidines as protein kinase  
 inhibitors  
 INVENTOR(S): Hirst, Gavin C.; Calderwood, David; Wishart, Neil;  
 Ritter, Kurt; Arnold, Lee D.  
 PATENT ASSIGNEE(S): Basf A.-G., Germany  
 SOURCE: PCT Int. Appl., 304 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000017203	A1	20000330	WO 1999-US21560	19990917
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2344249	A1	20000330	CA 1999-2344249	19990917
AU 9960484	A	20000410	AU 1999-60484	19990917
AU 753555	B2	20021024		
EP 1114053	A1	20010711	EP 1999-969415	19990917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200101186	T2	20011022	TR 2001-1186	19990917
BR 9913887	A	20011023	BR 1999-13887	19990917
HU 2002000403	A2	20020629	HU 2002-403	19990917
HU 2002000403	A3	20040728		
JP 2002526500	T	20020820	JP 2000-574112	19990917
NZ 510588	A	20030829	NZ 1999-510588	19990917
US 2003153752	A1	20030814	US 2000-537167	20000329
US 6713474	B2	20040330		
BG 105346	A	20011231	BG 2001-105346	20010315
NO 2001001356	A	20010516	NO 2001-1356	20010316
ZA 2001002204	A	20020318	ZA 2001-2204	20010316
IN 2001CN00376	A	20050304	IN 2001-CN376	20010316
PRIORITY APPLN. INFO.:			US 1998-100832P	P 19980918
			US 1998-100833P	P 19980918
			US 1998-100834P	P 19980918
			US 1998-100946P	P 19980918
			WO 1999-US21560	W 19990917

OTHER SOURCE(S): MARPAT 132:251160  
 IT 262441-65-6P 262442-06-8P 262443-85-6P  
 262444-23-5P 262444-24-6P 262444-27-9P  
 262444-28-0P 262444-34-8P

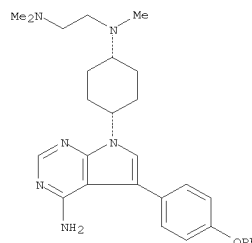
RL: BAC (Biological activity or effector, except adverse); BSU

(Biochemical)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT  
 (Reactant or reagent); USES (Uses)  
 (intermediate; prepn. of 7H-pyrrolo[2,3-d]pyrimidin-4-amine as  
 protein kinase inhibitors)

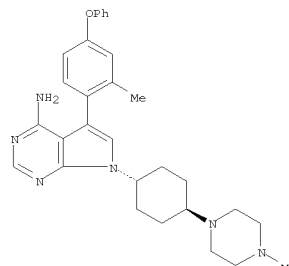
RN 262441-65-6 CAPLUS  
 CN 1,2-Ethanediamine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 262442-06-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
 5-(2-methyl-4-phenoxyphenyl)-7-[trans-  
 4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

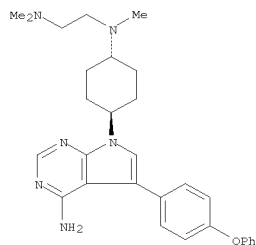




L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

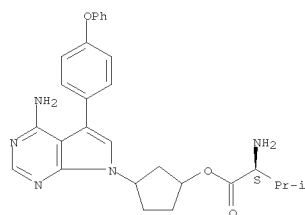
RN 262443-85-6 CAPLUS  
 CN 1,2-Ethanediamine,  
 N-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.



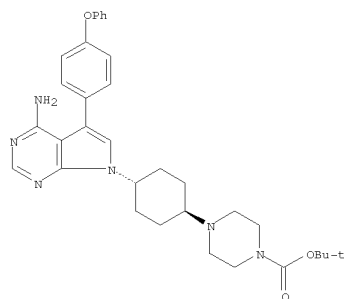
RN 262444-23-5 CAPLUS  
 CN L-Valine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
 yl]cyclopentyl ester (CA INDEX NAME)

Absolute stereochemistry.

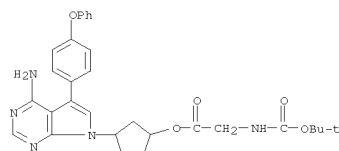


RN 262444-24-6 CAPLUS  
 CN Carbamic acid, [2-(4-morpholinyl)ethyl]-, 3-[4-amino-5-(4-phenoxyphenyl)-  
 7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



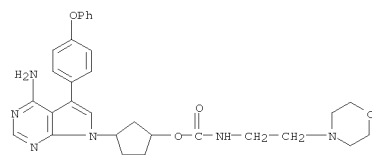
RN 262444-34-8 CAPLUS  
 CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-,  
 3-[4-amino-5-(4-phenoxyphenyl)-  
 7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (CA INDEX NAME)



IT 262444-29-1P 262444-50-8P 262444-51-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (intermediate; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as  
 protein  
 kinase inhibitors)

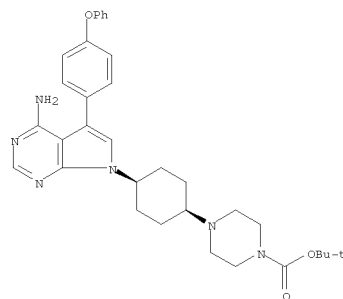
RN 262444-29-1 CAPLUS  
 CN Cyclopentanone,  
 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-  
 7-yl]- (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-27-9 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-  
 pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA  
 INDEX NAME)

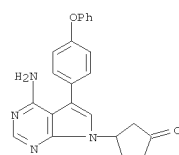
Relative stereochemistry.



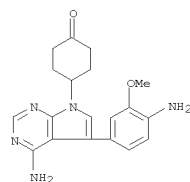
RN 262444-28-0 CAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-  
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 INDEX NAME)

Relative stereochemistry.

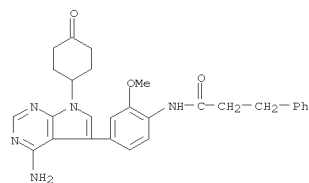
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-50-8 CAPLUS  
 CN Cyclohexanone, 4-[4-amino-5-(4-amino-3-methoxyphenyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-7-yl]- (CA INDEX NAME)



RN 262444-51-9 CAPLUS  
 CN Benzenepropanamide, N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-  
 d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

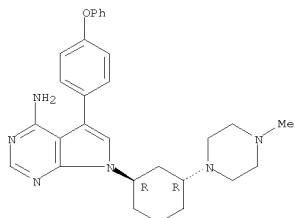


IT 262442-00-2P  
 RL: BAC (Biological activity or effector, except adverse); BSU  
 (Biological  
 study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU

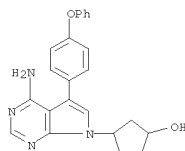
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT  
 (Reactant or reagent); USES (Uses)  
 (reactant; prepn. of 7H-pyrrolo[2,3-d]pyrimidin-4-amine as protein  
 kinase inhibitors)  
 RN 262442-00-2 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-  
 piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



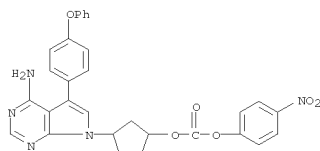
IT 213743-76-1 262442-03-5 262442-79-5  
 262444-63-3 262444-65-5  
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 (reactant; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amine as  
 protein kinase inhibitors)  
 RN 213743-76-1 CAPLUS  
 CN Cyclopentanol,  
 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
 yl]- (CA INDEX NAME)



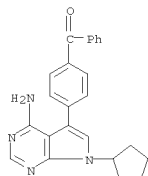
RN 262442-03-5 CAPLUS

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262444-63-3 CAPLUS  
 CN Carbonic acid,  
 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-  
 yl]cyclopentyl 4-nitrophenyl ester (CA INDEX NAME)



RN 262444-65-5 CAPLUS  
 CN Methanone, [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-  
 yl)phenyl]phenyl- (CA INDEX NAME)

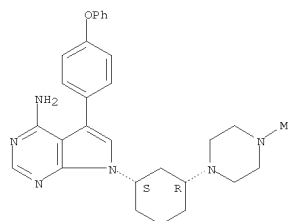


IT 262441-49-6P  
 RL: BAC (Biological activity or effector, except adverse); BSU  
 (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT  
 (Reactant or reagent); USES (Uses)  
 (target compound; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amine  
 as protein kinase inhibitors)  
 RN 262441-49-6 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-  
 piperidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

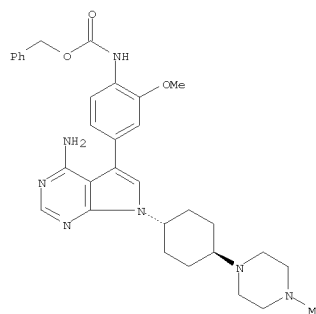
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-  
 piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.

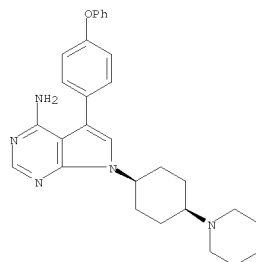


RN 262442-79-5 CAPLUS  
 CN Carbamic acid,  
 [4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
 7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester  
 (9C1) (CA INDEX NAME)

Relative stereochemistry.



L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 262431-69-6P 262433-52-3P 262441-45-2P  
 262441-46-3P 262441-47-4P 262441-48-5P  
 262441-50-9P 262441-51-0P 262441-61-2P  
 262441-63-4P 262441-66-7P 262441-67-8P  
 262441-69-0P 262441-71-4P 262441-73-6P  
 262441-75-8P 262441-76-9P 262441-77-0P  
 262441-78-1P 262441-79-2P 262441-81-6P  
 262441-83-8P 262441-85-0P 262441-87-2P  
 262441-88-3P 262441-89-4P 262441-91-8P  
 262441-92-9P 262441-94-1P 262441-95-2P  
 262441-96-3P 262441-98-5P 262441-99-6P  
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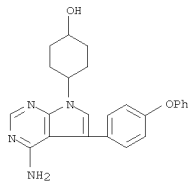
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

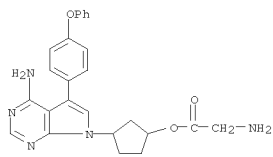
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262443-61-8P 262443-63-0P 262443-65-2P  
262443-67-4P 262443-69-6P 262443-70-9P  
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262443-75-4P 262443-77-6P 262443-78-7P  
262443-79-8P 262443-80-1P 262443-81-2P  
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262444-06-4P 262444-07-5P 262444-45-1P  
262444-68-8P 262444-69-9P 262444-71-3P  
262444-73-5P 262444-75-7P 262444-77-9P  
262444-79-1P 262444-81-5P 262444-83-7P  
262444-85-9P 262444-87-1P 262444-89-3P  
262444-91-7P 262444-93-9P 262444-95-1P  
262444-97-3P 262444-99-5P 262445-01-2P  
262445-03-4P 262445-05-6P 262445-07-8P  
262445-09-0P 262445-11-4P 262445-13-6P  
262445-15-8P 262445-17-0P 262445-19-2P  
262445-21-6P 262445-23-8P 262445-25-0P  
262445-27-2P 262445-29-4P 262445-31-8P  
262445-33-0P 262445-35-2P 262445-37-4P  
262445-39-6P 262445-41-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (target compd.; prepn. of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as protein kinase inhibitors)

RN 262431-69-6 CAPLUS  
CN Cyclohexanol,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



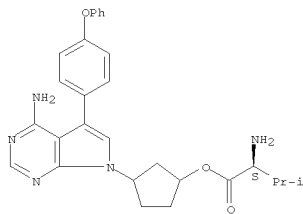
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● HCl

RN 262441-47-4 CAPLUS  
CN L-Valine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



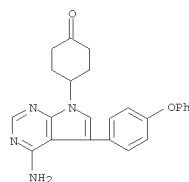
● HCl

RN 262441-48-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

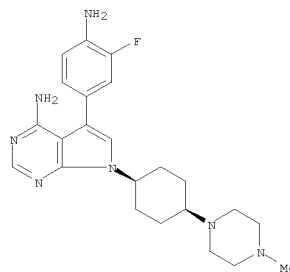
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262433-52-3 CAPLUS  
CN Cyclohexanone,  
4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



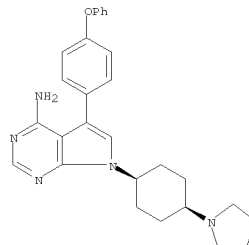
RN 262441-45-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(4-amino-3-fluorophenyl)-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



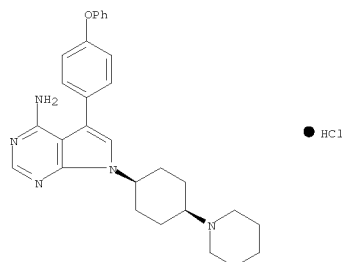
RN 262441-46-3 CAPLUS  
CN Glycine, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-50-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-piperidinyl)cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.



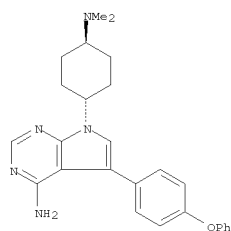
● HCl

RN 262441-51-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[trans-4-(dimethylamino)cyclohexyl]-  
5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

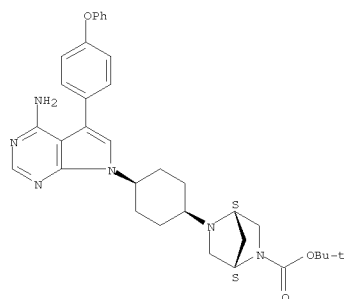
10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



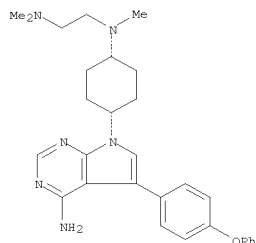
RN 262441-61-2 CAPLUS  
CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid, 5-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 262441-63-4 CAPLUS  
CN 2,5-Diazabicyclo[2.2.1]heptane-2-carboxylic acid, 5-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester, (1S,4S)- (CA INDEX NAME)

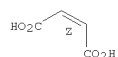
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

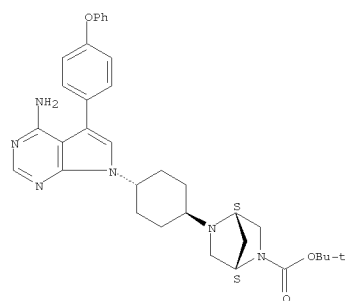


RN 262441-67-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Absolute stereochemistry.



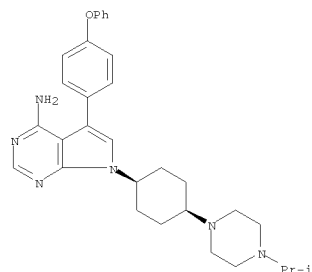
RN 262441-66-7 CAPLUS  
CN 1,2-Ethanediamine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N'-trimethyl-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262441-65-6  
CMF C29 H36 N6 O

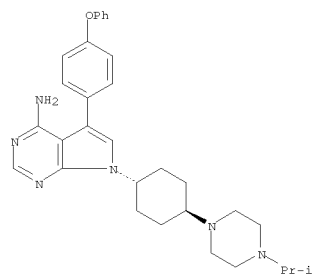
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-69-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

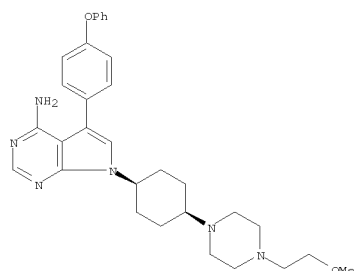


RN 262441-71-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

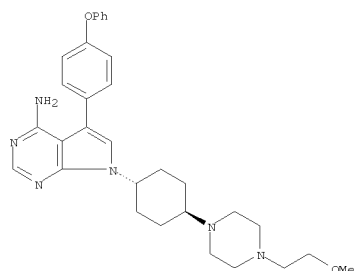
10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262441-73-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.



RN 262441-75-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

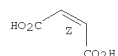
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

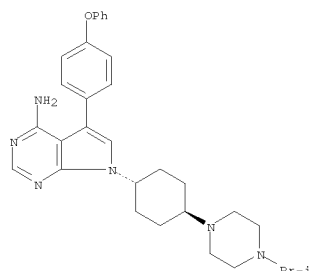


RN 262441-77-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-69-0  
CMF C31 H38 N6 O

Relative stereochemistry.

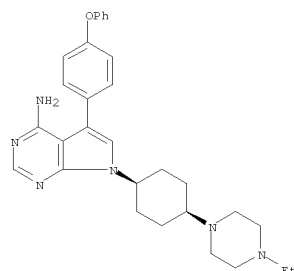


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

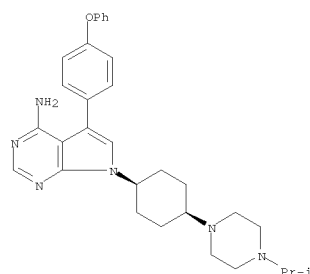


RN 262441-76-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(1-methylethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

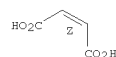
CM 1

CRN 262441-67-8  
CMF C31 H38 N6 O

Relative stereochemistry.



L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

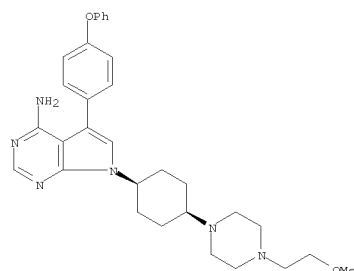


RN 262441-78-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-71-4  
CMF C31 H38 N6 O2

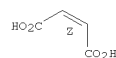
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-79-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(2-methoxyethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

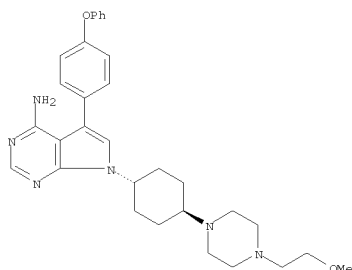
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262441-73-6  
CMF C31 H38 N6 O2

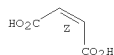
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



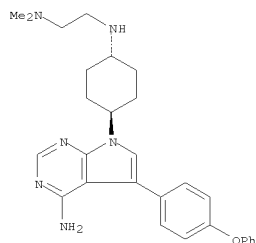
RN 262441-81-6 CAPLUS  
CN 1,2-Ethanediamine, N'-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N-dimethyl-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262441-80-5  
CMF C28 H34 N6 O

Relative stereochemistry.

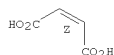
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



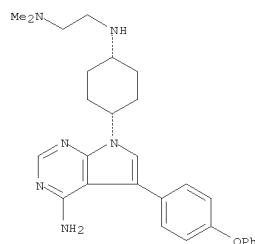
RN 262441-85-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[3-(1H-imidazol-1-yl)propyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-84-9  
CMF C30 H32 N6 O

Relative stereochemistry.

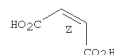
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



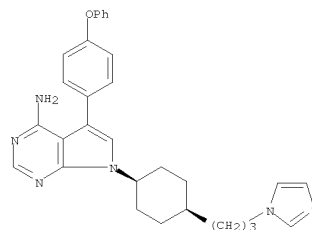
RN 262441-83-8 CAPLUS  
CN 1,2-Ethanediamine, N'-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N-dimethyl-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 262441-82-7  
CMF C28 H34 N6 O

Relative stereochemistry.

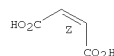
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-87-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[3-(1H-imidazol-1-yl)propyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

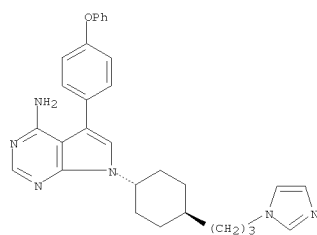
CM 1

CRN 262441-86-1  
CMF C30 H32 N6 O

Relative stereochemistry.

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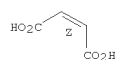
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

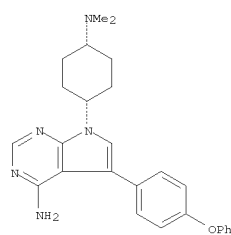
Double bond geometry as shown.



RN 262441-88-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[cis-4-(dimethylamino)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

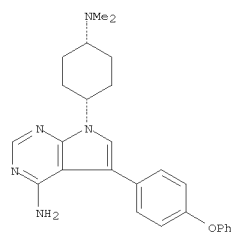


RN 262441-89-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
7-[cis-4-(dimethylamino)cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262441-88-3  
CMF C26 H29 N5 O

Relative stereochemistry.

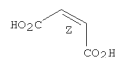


CM 2

CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.

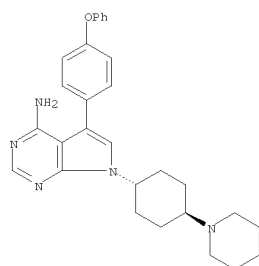


RN 262441-91-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperidinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

CM 1

CRN 262441-90-7  
CMF C29 H33 N5 O

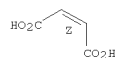
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



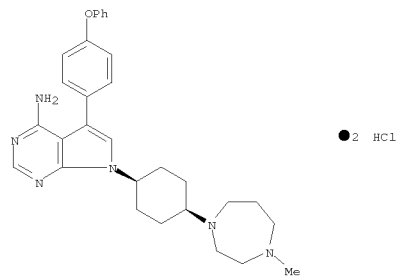
RN 262441-92-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)cyclohexyl]-5-(4-phenoxyphenyl)-, dihydrochloride (9CI)

(CA

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
INDEX NAME)

Relative stereochemistry.

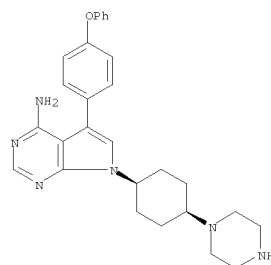


RN 262441-94-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cis-4-(1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262441-93-0  
CMF C28 H32 N6 O

Relative stereochemistry.

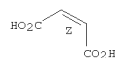


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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

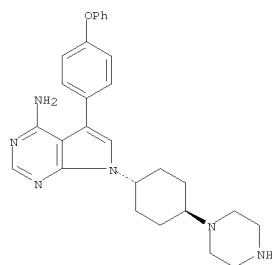
CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-95-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

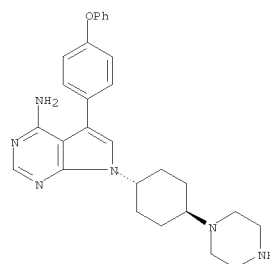


RN 262441-96-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
CRN 262441-95-2  
CMF C28 H32 N6 O

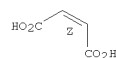
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

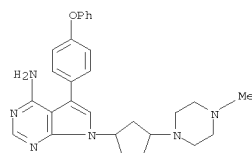
Double bond geometry as shown.



RN 262441-98-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[3-(4-methyl-1-piperazinyl)cyclopentyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

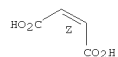
CM 1  
CRN 262441-97-4  
CMF C28 H32 N6 O

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

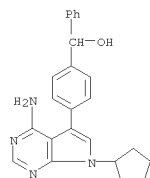


CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262441-99-6 CAPLUS  
CN Benzenemethanol, 4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)- $\alpha$ -phenyl- (CA INDEX NAME)

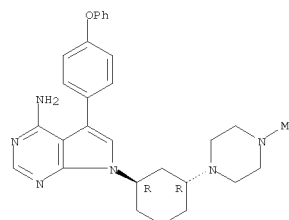


RN 262442-01-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1  
CRN 262442-00-2  
CMF C29 H34 N6 O

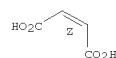
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



CM 2  
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



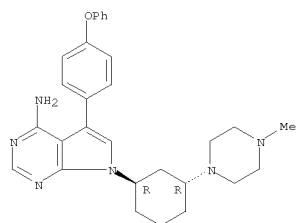
RN 262442-02-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3R)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



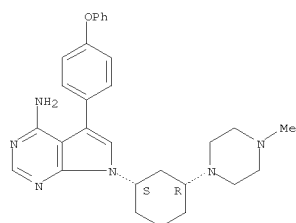
● 3 HCl

RN 262442-04-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

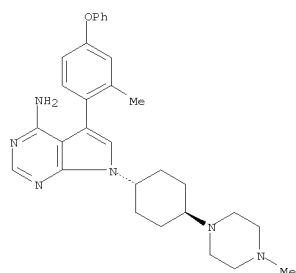
CM 1

CRN 262442-03-5  
CMF C29 H34 N6 O

Relative stereochemistry.



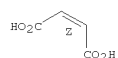
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

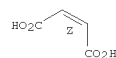


RN 262442-08-0 CAPLUS  
CN Carbamic acid, [2-(4-morpholinyl)ethyl]-, 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester, monohydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CM 2

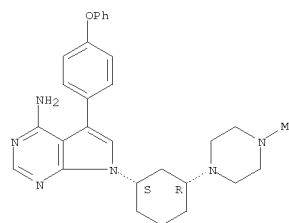
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-05-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,3S)-3-(4-methyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



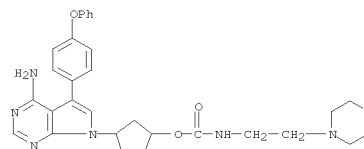
● 3 HCl

RN 262442-07-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(2-methyl-4-phenoxyphenyl)-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-06-8  
CMF C30 H36 N6 O

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● HCl

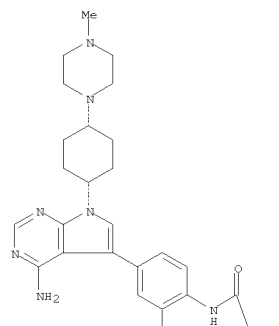
RN 262442-11-5 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-10-4  
CMF C31 H35 F2 N7 O2

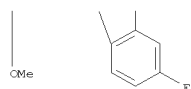
Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

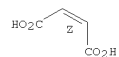
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-13-7 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-12-6  
CMF C31 H35 Cl2 N7 O2

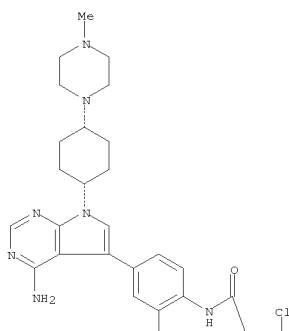
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

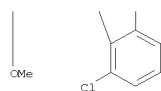
CM 1

CRN 262442-14-8  
CMF C31 H35 Cl2 N7 O2

Relative stereochemistry.



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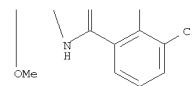
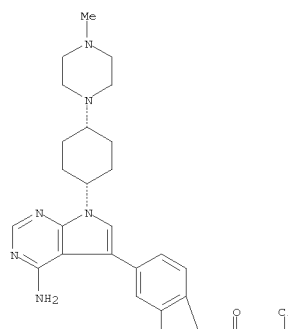
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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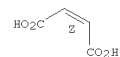


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CM 2

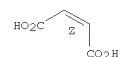
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-15-9 CAPLUS

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

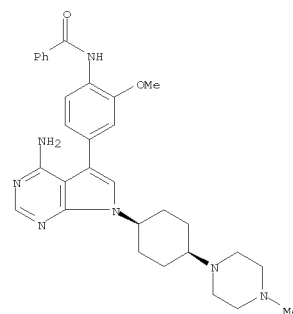


RN 262442-17-1 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-16-0  
CMF C31 H37 N7 O2

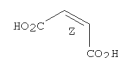
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



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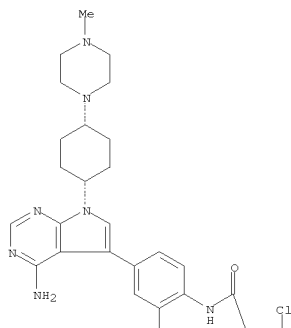
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262442-19-3 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

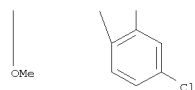
CRN 262442-18-2  
 CMF C31 H35 Cl2 N7 O2

Relative stereochemistry.

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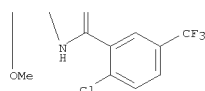


CM 2

CRN 110-16-7

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

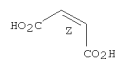
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CM 2

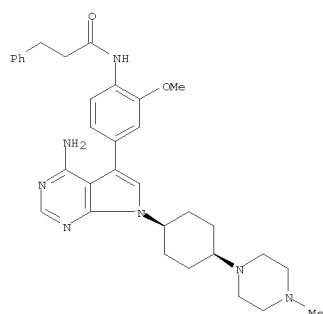
CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-22-8 CAPLUS  
 CN Benzenepropanamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

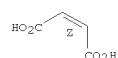


RN 262442-23-9 CAPLUS  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX NAME)

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-21-7 CAPLUS

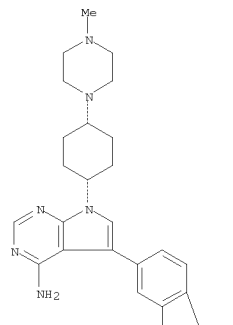
CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-5-(trifluoromethyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-20-6  
 CMF C32 H35 Cl F3 N7 O2

Relative stereochemistry.

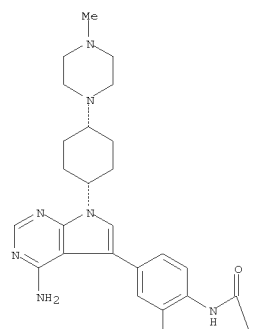
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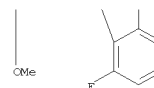
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-difluoro- (CA INDEX NAME)

Relative stereochemistry.

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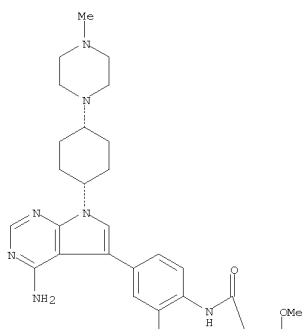
RN 262442-24-0 CAPLUS

CN Benzanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX NAME)

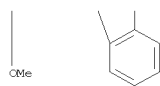
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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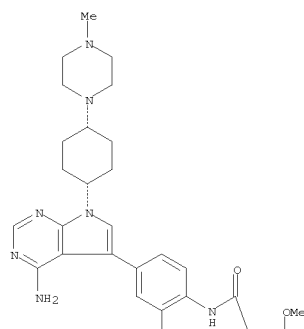


RN 262442-25-1 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-dimethoxy- (CA INDEX NAME)

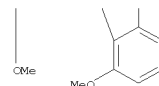
Relative stereochemistry.

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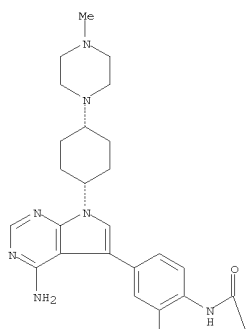


RN 262442-26-2 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3,4-dichloro- (CA INDEX NAME)

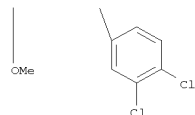
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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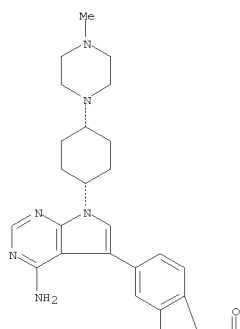


RN 262442-27-3 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-methoxy- (CA INDEX NAME)

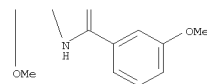
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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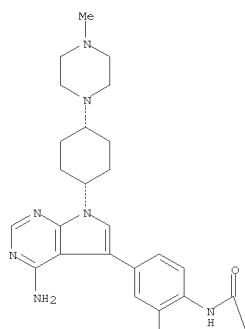
RN 262442-28-4 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-fluoro- (CA INDEX NAME)

Relative stereochemistry.

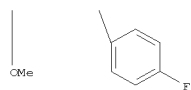
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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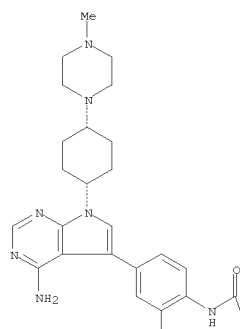


RN 262442-29-5 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-chloro- (CA INDEX NAME)

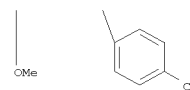
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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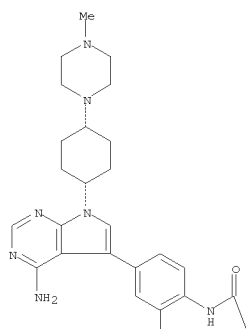


RN 262442-30-8 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-methoxy- (CA INDEX NAME)

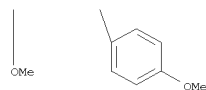
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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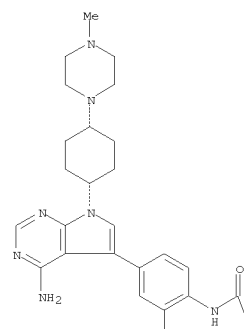


RN 262442-31-9 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethyl)- (CA INDEX NAME)

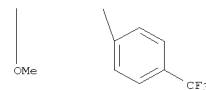
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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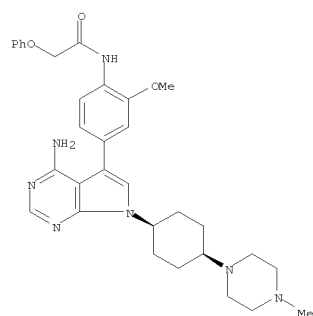


RN 262442-32-0 CAPLUS  
CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenoxy- (CA INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

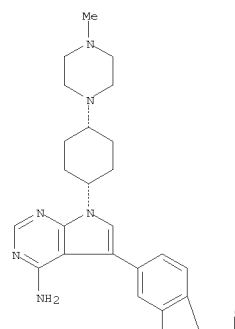


RN 262442-33-1 CAPLUS  
CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-(4-chlorophenoxy)- (CA INDEX NAME)

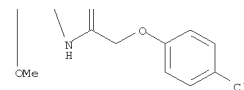
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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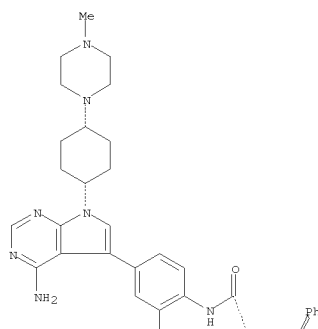


RN 262442-34-2 CAPLUS  
CN Cyclopropanecarboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-phenyl-, (1R,2R)-rel- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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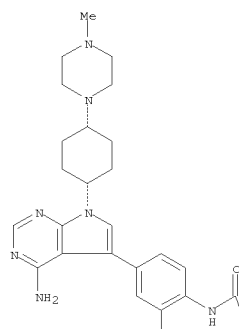


RN 262442-35-3 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-cyano- (CA INDEX NAME)

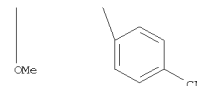
Relative stereochemistry.

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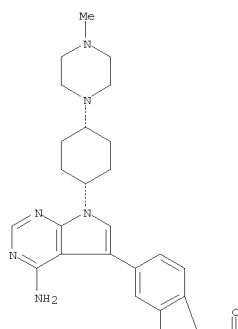


RN 262442-36-4 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-nitro- (CA INDEX NAME)

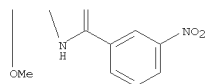
Relative stereochemistry.

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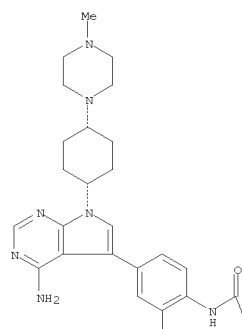


RN 262442-37-5 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-nitro- (CA INDEX NAME)

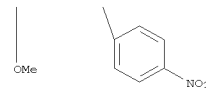
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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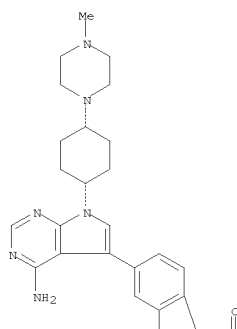


RN 262442-38-6 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3,5-difluoro- (CA INDEX NAME)

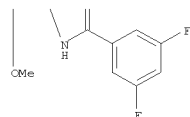
Relative stereochemistry.

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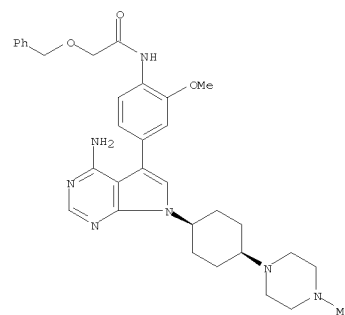


RN 262442-39-7 CAPLUS  
 CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-(phenylmethoxy)- (CA INDEX NAME)

Relative stereochemistry.

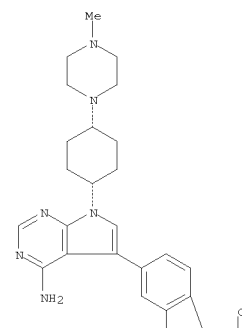
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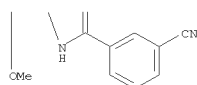
RN 262442-40-0 CAPLUS  
 CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-3-cyano- (CA INDEX NAME)

Relative stereochemistry.



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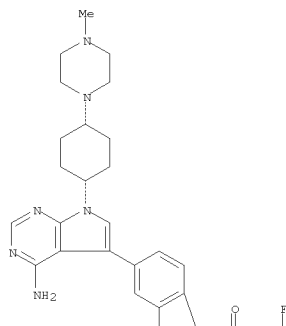
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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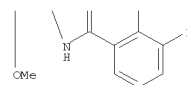
RN 262442-41-1 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,3-difluoro- (CA INDEX NAME)

Relative stereochemistry.



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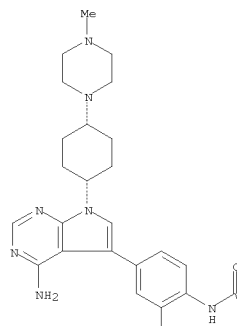
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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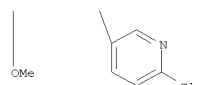
RN 262442-42-2 CAPLUS  
CN 3-Pyridinecarboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-6-chloro- (CA INDEX NAME)

Relative stereochemistry.



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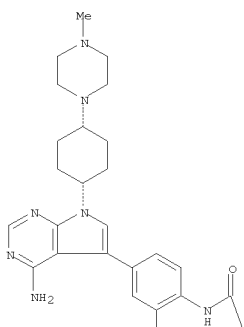
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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RN 262442-43-3 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

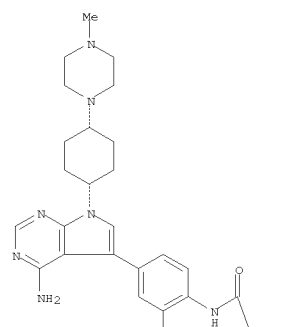
Relative stereochemistry.



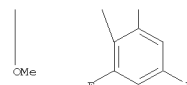
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.



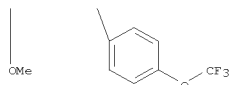
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RN 262442-45-5 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-6-fluoro- (CA INDEX NAME)

Relative stereochemistry.



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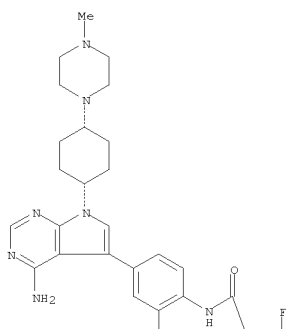
RN 262442-44-4 CAPLUS  
CN Benamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,4,6-trifluoro- (CA INDEX NAME)



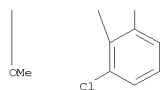
10534427b.trn

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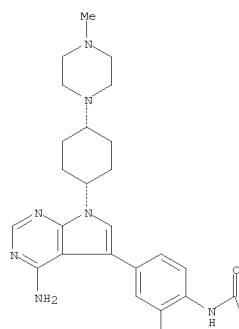


RN 262442-46-6 CAPLUS  
CN Benzamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-4-(dimethylamino)- (CA INDEX NAME)

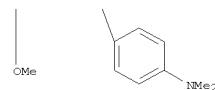
Relative stereochemistry.

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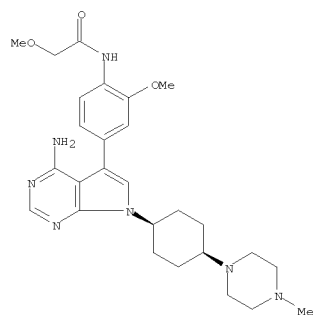
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RN 262442-47-7 CAPLUS  
CN Acetamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

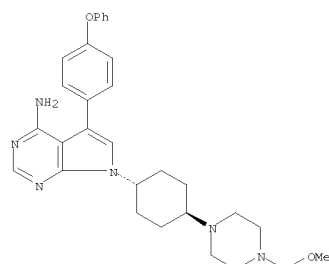


RN 262442-49-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[4-(methoxymethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-48-8  
CMF C30 H36 N6 O2

Relative stereochemistry.

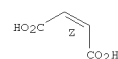


L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

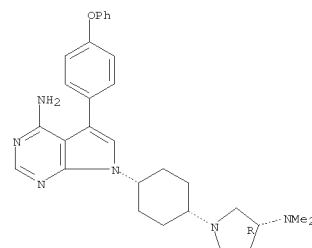


RN 262442-51-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-50-2  
CMF C30 H36 N6 O

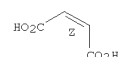
Absolute stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



10534427b.trn

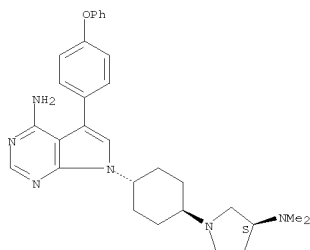
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262442-53-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[(3S)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-52-4  
CMF C30 H36 N6 O

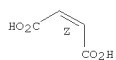
Absolute stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



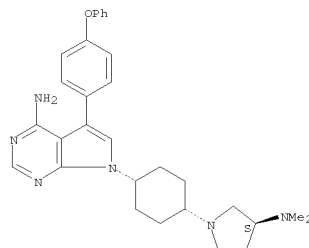
RN 262442-55-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[(3S)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-54-6

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CMF C30 H36 N6 O

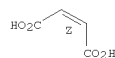
Absolute stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



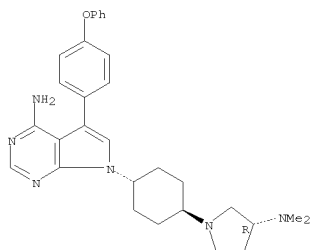
RN 262442-57-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-56-8  
CMF C30 H36 N6 O

Absolute stereochemistry.

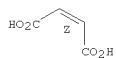
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



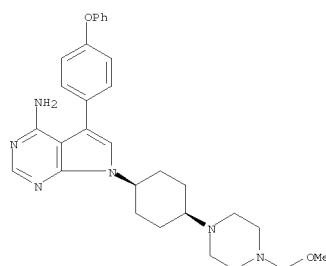
RN 262442-59-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-[4-(methoxymethyl)-1-piperazinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3)  
(CA INDEX NAME)

CM 1

CRN 262442-58-0  
CMF C30 H36 N6 O2

Relative stereochemistry.

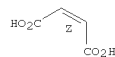
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

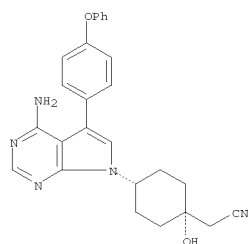


RN 262442-60-4 CAPLUS  
CN Cyclohexaneacetonitrile, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

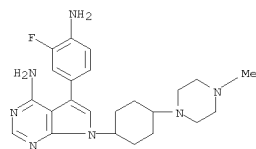
Relative stereochemistry.

10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-61-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-fluorophenyl)-7-[4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NAME)

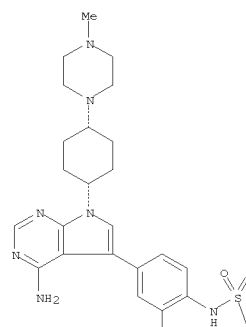


RN 262442-62-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)

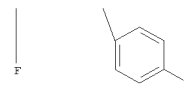
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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RN 262442-63-7 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

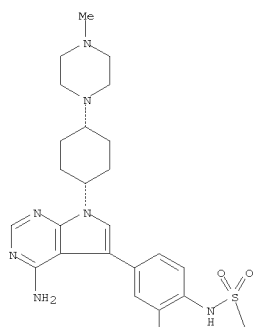
CM 1

CRN 262442-62-6  
CMF C29 H33 F2 N7 O2 S

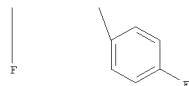
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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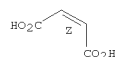
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-65-9 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

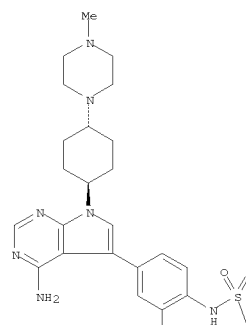
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

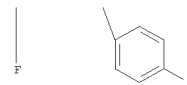
CRN 262442-64-8  
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

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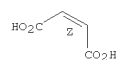
CM 2

CRN 110-16-7  
CMF C4 H4 O4

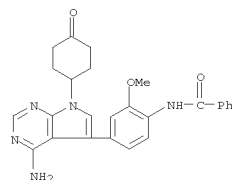
Double bond geometry as shown.

10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-78-4 CAPLUS  
CN Benzanide,  
N-[4-[4-amino-7-(4-oxocyclohexyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)



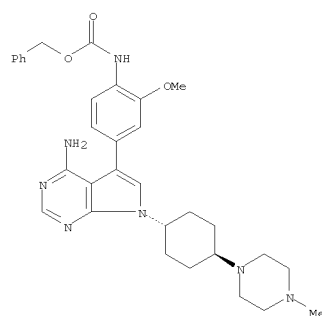
RN 262442-80-8 CAPLUS  
CN Carbamic acid,  
[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester,  
(2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262442-79-5  
CMF C32 H39 N7 O3

Relative stereochemistry.

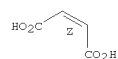
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

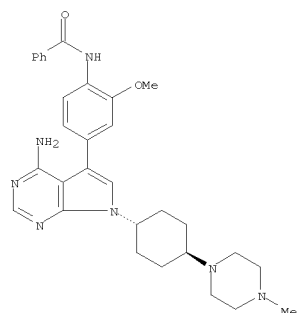
Double bond geometry as shown.



RN 262442-81-9 CAPLUS  
CN Benzanide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-83-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-(trifluoromethoxy)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

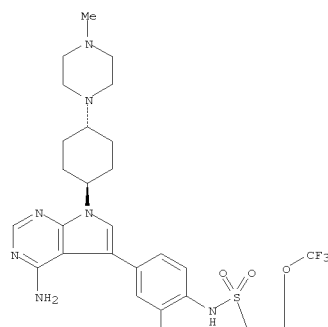
CM 1

CRN 262442-82-0  
CMF C30 H33 F4 N7 O3 S

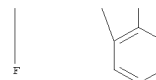
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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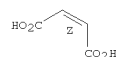
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-85-3 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

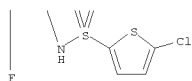
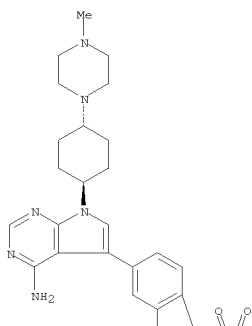
CM 1

CRN 262442-84-2

CMF C27 H31 Cl F N7 O2 S2

Relative stereochemistry.

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CM 2

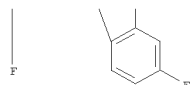
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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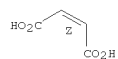


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-91-1 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

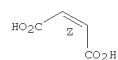
CM 1

CRN 262442-90-0

CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-88-6 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

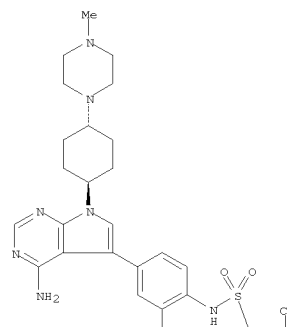
CM 1

CRN 262442-87-5

CMF C29 H32 Cl F2 N7 O2 S

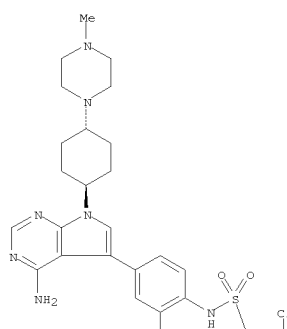
Relative stereochemistry.

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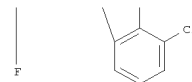


L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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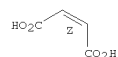


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-93-3 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

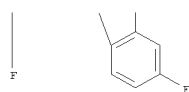
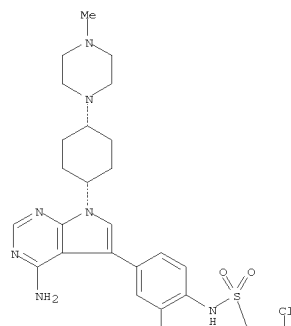
CM 1

CRN 262442-92-2

CMF C29 H32 Cl F2 N7 O2 S

Relative stereochemistry.

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CM 2

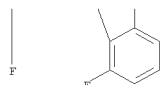
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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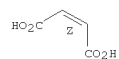


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262442-97-7 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

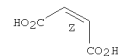
CM 1

CRN 262442-96-6

CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262442-95-5 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

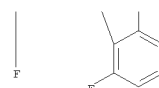
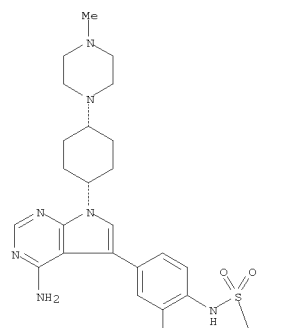
CM 1

CRN 262442-94-4

CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

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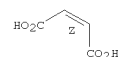


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-00-5 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-,

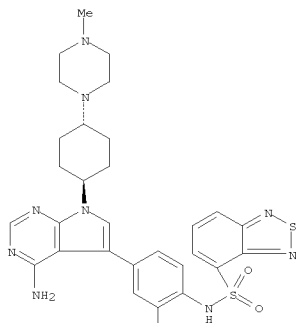
10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-99-9  
CMF C29 H32 F N9 O2 S2

Relative stereochemistry.



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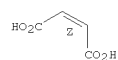
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



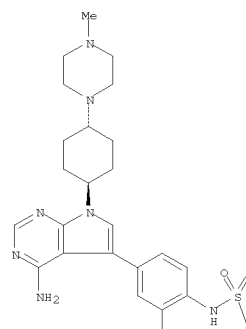
RN 262443-03-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trifluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-02-7  
CMF C29 H31 F4 N7 O2 S

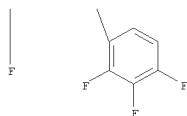
Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

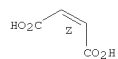
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-05-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

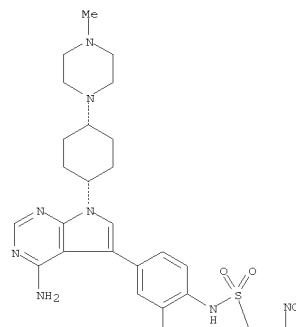
CM 1

CRN 262443-04-9  
CMF C29 H33 F N8 O4 S

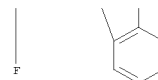
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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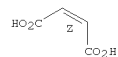
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-07-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

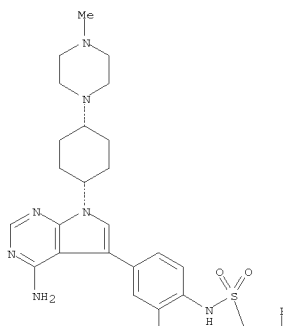
CM 1

CRN 262443-06-1

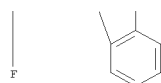
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

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CM 2

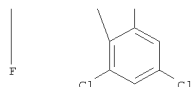
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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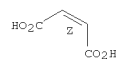


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-11-8 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

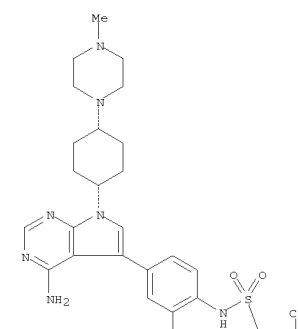
CM 1

CRN 262443-10-7

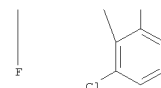
CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.

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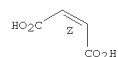


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-13-0 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)



10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

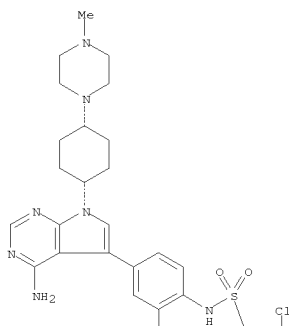
CM 1

CRN 262443-12-9

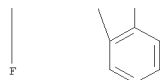
CMF C29 H33 Cl F N7 O2 S

Relative stereochemistry.

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CM 2

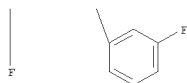
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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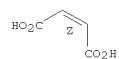


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-17-4 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

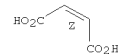
CM 1

CRN 262443-16-3

CMF C27 H31 Cl F N7 O2 S2

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-15-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

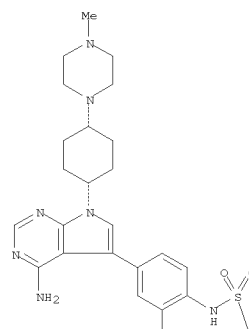
CM 1

CRN 262443-14-1

CMF C29 H33 F2 N7 O2 S

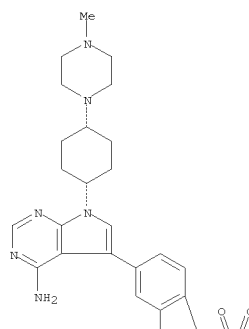
Relative stereochemistry.

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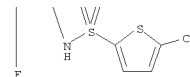


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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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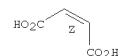


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-19-6 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

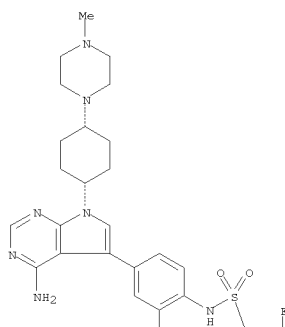
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

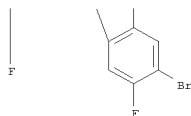
CRN 262443-18-5

CMF C29 H31 Br F3 N7 O2 S

Relative stereochemistry.



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CM 2

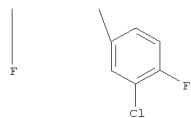
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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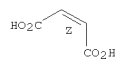


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-23-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-iodo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

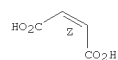
CM 1

CRN 262443-22-1

CMF C29 H33 F I N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-21-0 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

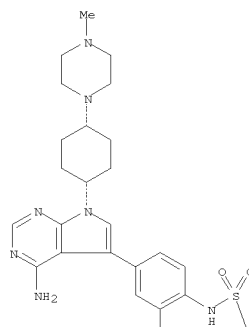
CM 1

CRN 262443-20-9

CMF C29 H32 Cl F2 N7 O2 S

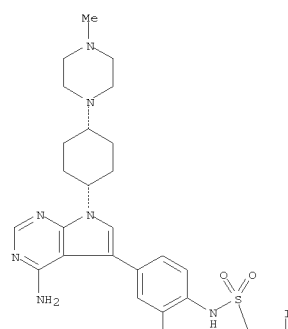
Relative stereochemistry.

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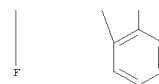


L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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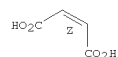


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-25-4 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-(trifluoromethoxy)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

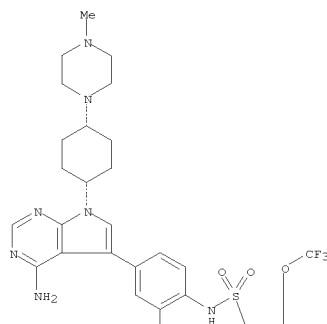
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

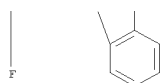
CRN 262443-24-3  
CMF C30 H33 F4 N7 O3 S

Relative stereochemistry.

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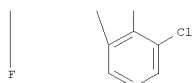
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

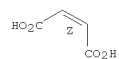
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



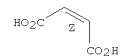
RN 262443-29-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-6-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-28-7  
CMF C30 H35 Cl1 F N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



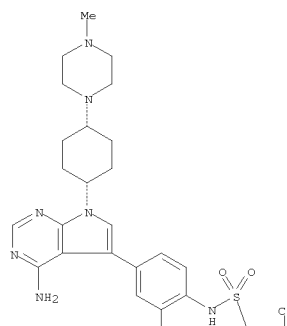
RN 262443-27-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-26-5  
CMF C29 H32 Cl2 F N7 O2 S

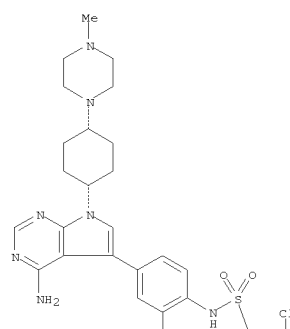
Relative stereochemistry.

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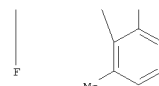


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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



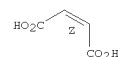
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-31-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-cyano-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

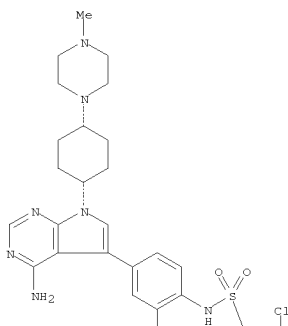
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

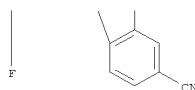
CRN 262443-30-1  
CMF C30 H32 Cl F N8 O2 S

Relative stereochemistry.

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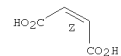


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



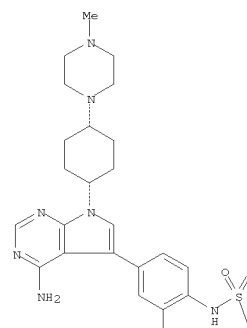
RN 262443-34-5 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trifluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

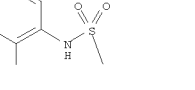
CRN 262443-33-4  
CMF C29 H31 F4 N7 O2 S

Relative stereochemistry.

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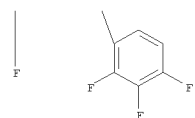


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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

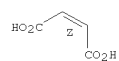
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



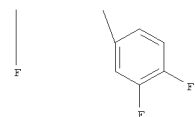
RN 262443-37-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-36-7  
CMF C29 H32 F3 N7 O2 S

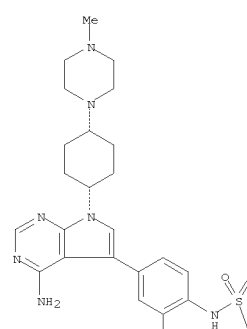
Relative stereochemistry.

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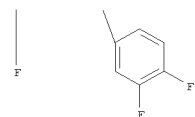


L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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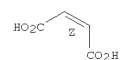
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-40-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-

10534427b.trn

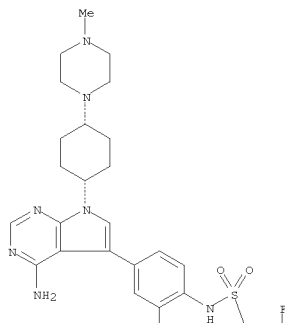
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
bromo-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

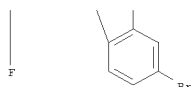
CRN 262443-39-0  
CMF C29 H32 Br F2 N7 O2 S

Relative stereochemistry.

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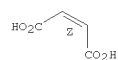


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



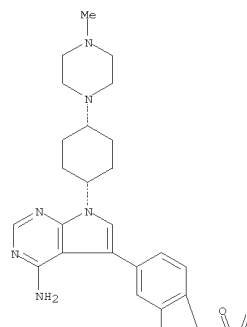
RN 262443-42-5 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

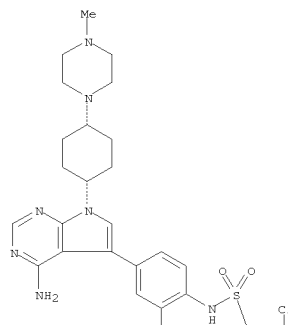
CRN 262443-41-4  
CMF C27 H31 Br F N7 O2 S2

Relative stereochemistry.

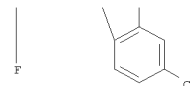
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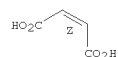
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-47-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

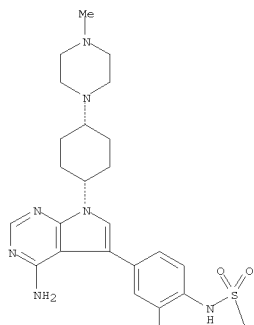
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

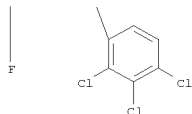
CRN 262443-46-9

CMF C29 H31 C13 F N7 O2 S

Relative stereochemistry.



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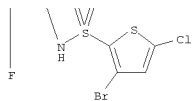
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



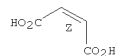
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CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-51-6 CAPLUS

CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

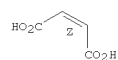
CM 1

CRN 262443-50-5

CMF C29 H32 F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-49-2 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-bromo-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

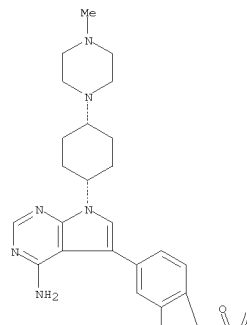
CM 1

CRN 262443-48-1

CMF C27 H30 Br Cl F N7 O2 S2

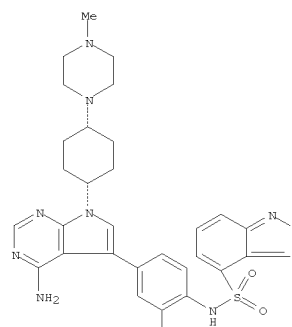
Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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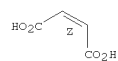


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-53-8 CAPLUS

CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

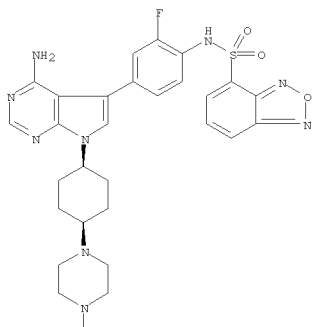
CRN 262443-52-7

10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CMF C29 H32 F N9 O3 S

Relative stereochemistry.

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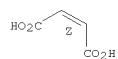
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

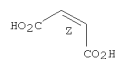


RN 262443-55-0 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-(cis-4-(4-methyl-1-

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



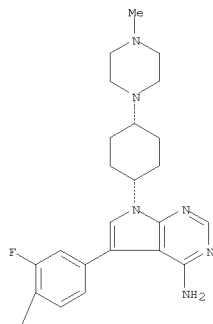
RN 262443-57-2 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-56-1  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

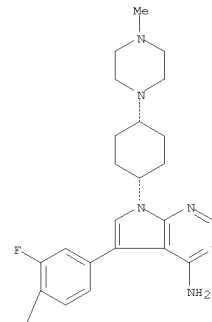
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

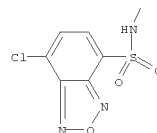
CRN 262443-54-9  
CMF C29 H31 Cl F N9 O3 S

Relative stereochemistry.

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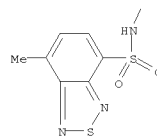
PAGE 2-A



CM 2

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

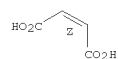
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-59-4 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-(cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

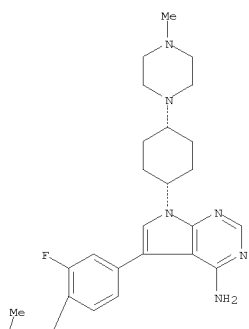
CRN 262443-58-3  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

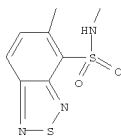
10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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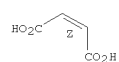


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



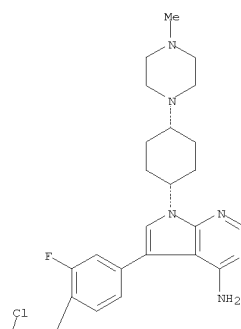
RN 262443-61-8 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-60-7  
CMF C29 H31 Cl F N9 O2 S2

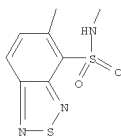
Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

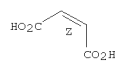
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-63-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-2-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

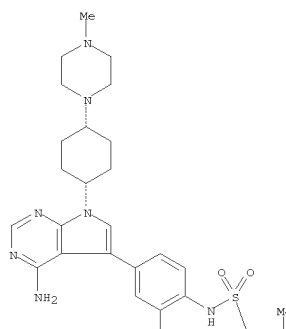
CM 1

CRN 262443-62-9  
CMF C30 H35 Cl F N7 O2 S

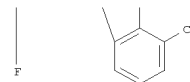
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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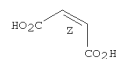
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-65-2 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)



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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

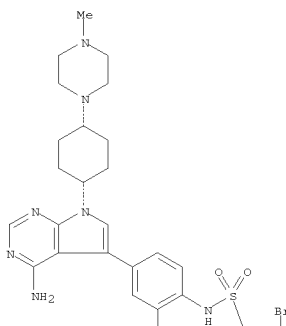
CM 1

CRN 262443-64-1

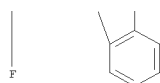
CMF C29 H33 Br F N7 O2 S

Relative stereochemistry.

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CM 2

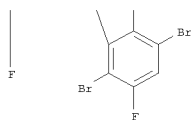
CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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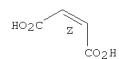


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-69-6 CAPLUS

CN Benzenemethanesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

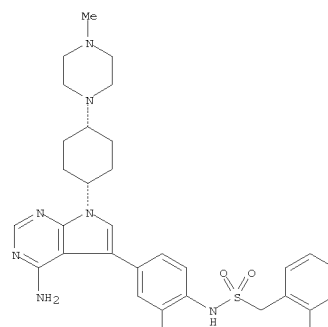
CM 1

CRN 262443-68-5

CMF C30 H35 F N8 O4 S

Relative stereochemistry.

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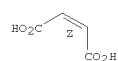


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



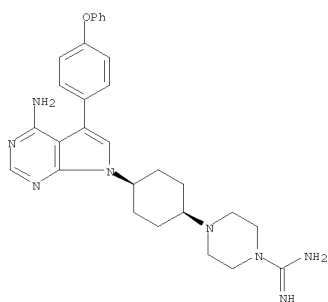
RN 262443-70-9 CAPLUS

CN 1-Piperazinecarboximidamide, 4-[cis-4-(4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

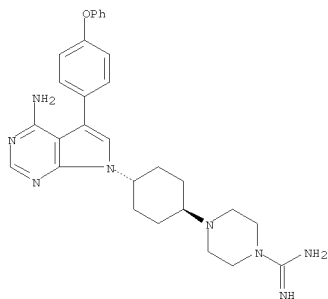
10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



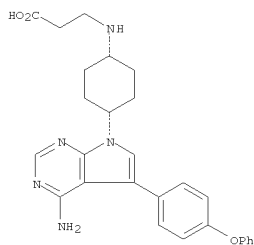
RN 262443-71-0 CAPLUS  
CN 1-Piperazinecarboximidamide, 4-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

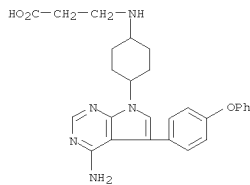


RN 262443-73-2 CAPLUS

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-75-4 CAPLUS  
CN beta-Alanine, N-[4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)



RN 262443-77-6 CAPLUS  
CN beta-Alanine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-, ethyl ester, (2Z)-2-butenedioate (1:2) (9CI) (CA INDEX NAME)

CM 1

CRN 262443-76-5  
CMF C29 H33 N5 O3

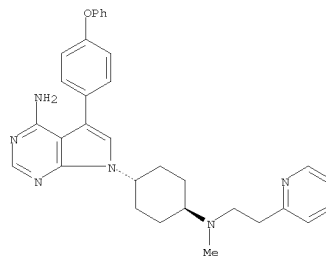
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[methyl[2-(2-pyridinyl)ethyl]amino]cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-72-1  
CMF C32 H34 N6 O

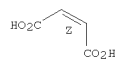
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

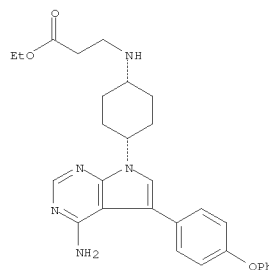
Double bond geometry as shown.



RN 262443-74-3 CAPLUS  
CN beta-Alanine, N-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.

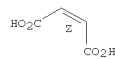
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



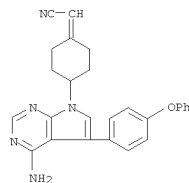
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



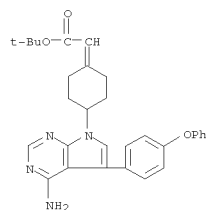
RN 262443-78-7 CAPLUS  
CN Acetonitrile, [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]- (9CI) (CA INDEX NAME)



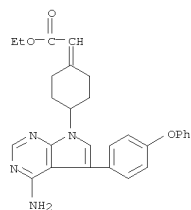
RN 262443-79-8 CAPLUS

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Acetic acid,  
 [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

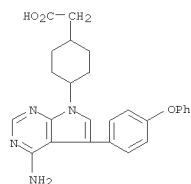


RN 262443-80-1 CAPLUS  
 CN Acetic acid,  
 [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]-, ethyl ester (9CI) (CA INDEX NAME)



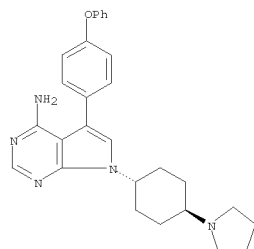
RN 262443-81-2 CAPLUS  
 CN Acetic acid,  
 [4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexylidene]- (9CI) (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262443-84-5 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrrolidinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



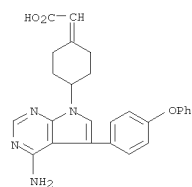
RN 262443-86-7 CAPLUS  
 CN 1,2-Ethanediamine,  
 N-[trans-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]-N,N',N'-trimethyl-, (2Z)-2-butenedioate (1:3)  
 (9CI) (CA INDEX NAME)

CM 1

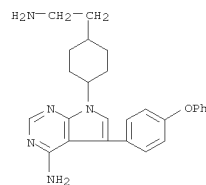
CRN 262443-85-6  
 CMF C29 H36 N6 O

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

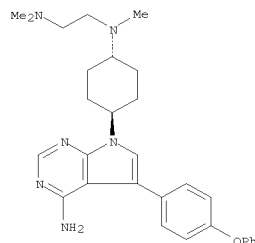


RN 262443-82-3 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-(2-aminoethyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)



RN 262443-83-4 CAPLUS  
 CN Cyclohexaneacetic acid, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

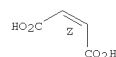
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

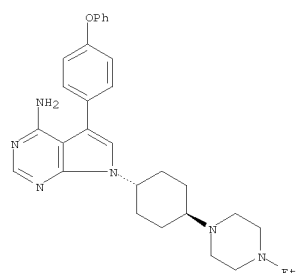


RN 262443-87-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

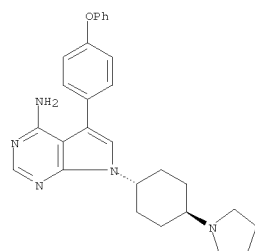


RN 262443-88-9 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[(trans-4-(1-pyrrolidinyl)cyclohexyl)-(2Z)-2-butenedioate (1:2)] (CA INDEX NAME)

CM 1

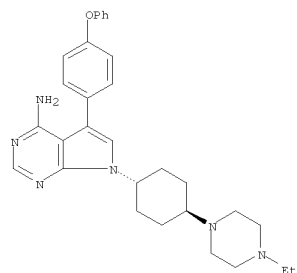
CRN 262443-84-5  
CMF C28 H31 N5 O

Relative stereochemistry.



CM 2

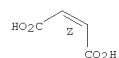
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-95-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

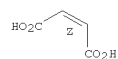
CRN 262441-75-8  
CMF C30 H36 N6 O

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

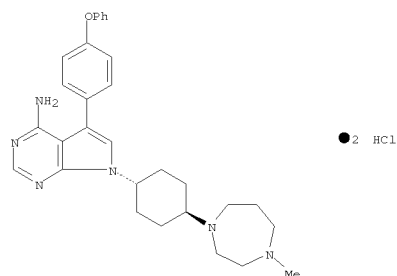
CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-90-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)cyclohexyl]-5-(4-phenoxyphenyl)-, dihydrochloride (9CI)  
(CA INDEX NAME)

Relative stereochemistry.



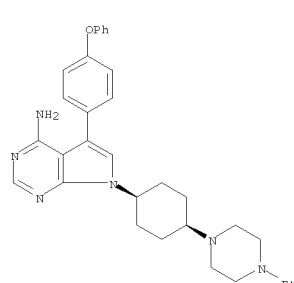
RN 262443-93-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(4-ethyl-1-piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262443-87-8  
CMF C30 H36 N6 O

Relative stereochemistry.

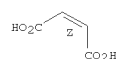
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262443-98-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-ylcyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

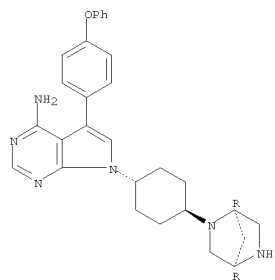
CM 1

CRN 262443-97-0  
CMF C29 H32 N6 O

Relative stereochemistry.

10534427b.trn

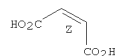
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



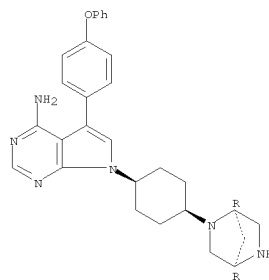
RN 262444-00-8 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[cis-4-(1R,4R)-2,5-diazabicyclo[2.2.1]hept-2-ylcyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 262443-99-2  
CMF C29 H32 N6 O

Relative stereochemistry.

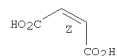
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



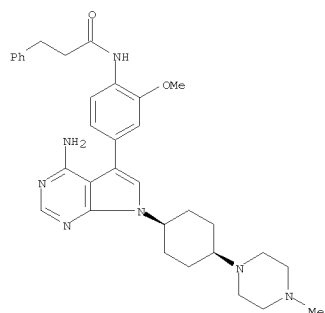
RN 262444-01-9 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262442-22-8  
CMF C33 H41 N7 O2

Relative stereochemistry.

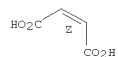
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

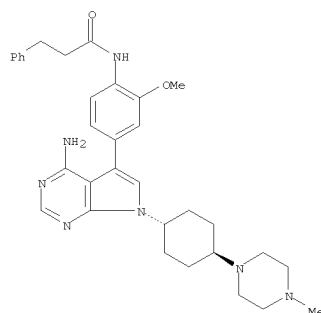
Double bond geometry as shown.



RN 262444-02-0 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-03-1 CAPLUS  
CN Benzenepropanamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

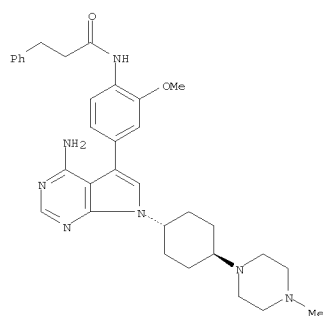
CM 1

CRN 262444-02-0  
CMF C33 H41 N7 O2

Relative stereochemistry.

10534427b.trn

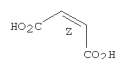
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

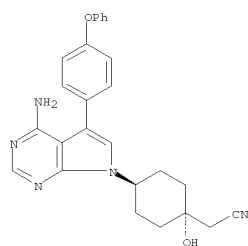
Double bond geometry as shown.



RN 262444-05-3 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)]- (CA INDEX NAME)

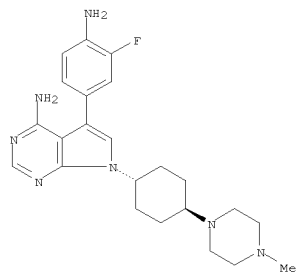
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Relative stereochemistry.



RN 262444-45-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-fluorophenyl)-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)]- (CA INDEX NAME)

Relative stereochemistry.

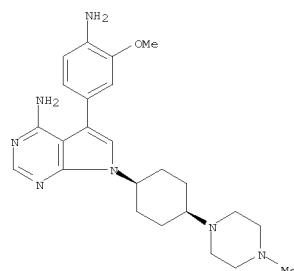


RN 262444-69-8 CAPLUS  
CN Carbanic acid, [4-[4-amino-7-[(cis-4-(4-methyl-1-piperazinyl)cyclohexyl)]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, phenylmethyl ester, (2Z)-2-butenedioate (1:3) (9CI) (CA INDEX NAME)

CM 1

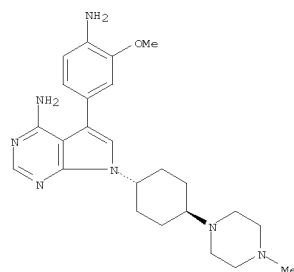
CRN 262444-67-7

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-06-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)]- (CA INDEX NAME)

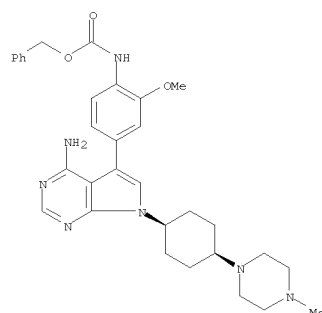
Relative stereochemistry.



RN 262444-07-5 CAPLUS  
CN Cyclohexanecarbonitrile, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CMF C32 H39 N7 O3

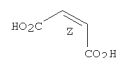
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-69-9 CAPLUS  
CN Benzanide, N-[4-[4-amino-7-[(trans-4-(4-methyl-1-piperazinyl)cyclohexyl)]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

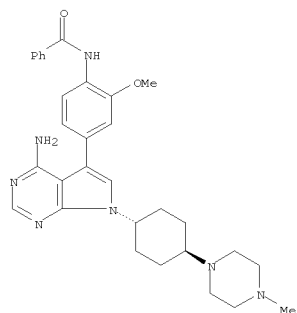
CM 1

CRN 262442-81-9  
CMF C31 H37 N7 O2

Relative stereochemistry.

10534427b.trn

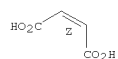
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-71-3 CAPLUS  
CN Benzonitrile, 2-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(3-methoxypropyl)amino]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-70-2  
CMF C34 H42 N8 O2

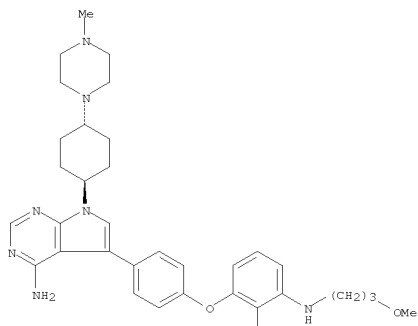
Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262444-72-4  
CMF C34 H42 N8 O2

Relative stereochemistry.



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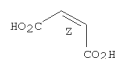


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

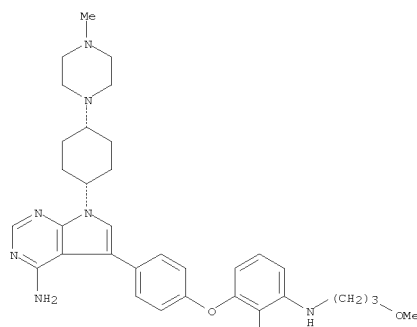


RN 262444-75-7 CAPLUS  
CN Benzonitrile, 2-amino-6-[4-[4-amino-7-[cis-4-(4-methyl-1-

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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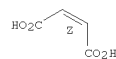


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



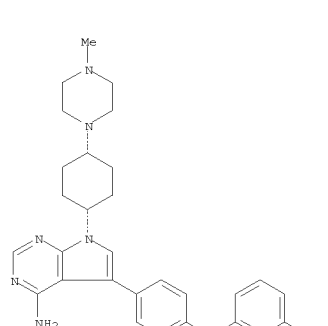
RN 262444-73-5 CAPLUS  
CN Benzonitrile, 2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(3-methoxypropyl)amino]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262444-74-6  
CMF C30 H34 N8 O

Relative stereochemistry.



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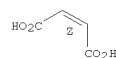


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

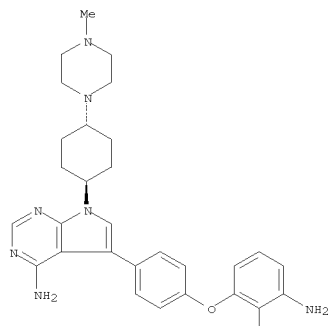
Double bond geometry as shown.



10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 262444-77-9 CAPLUS  
 CN Benzonitrile, 2-amino-6-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)  
 CM 1  
 CRN 262444-76-8  
 CMF C30 H34 N8 O

Relative stereochemistry.



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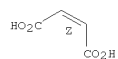
PAGE 2-A

CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CRN 110-16-7  
 CMF C4 H4 O4

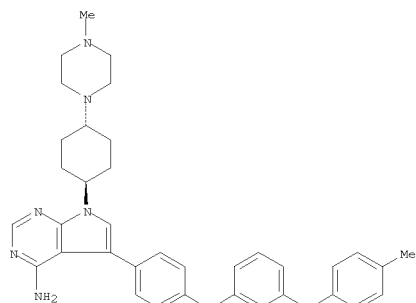
Double bond geometry as shown.



RN 262444-81-5 CAPLUS  
 CN Benzonitrile, 2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(4-methylphenyl)thio]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
 CRN 262444-80-4  
 CMF C37 H39 N7 O S

Relative stereochemistry.

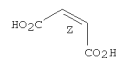


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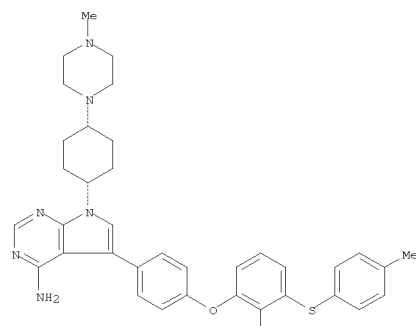
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-79-1 CAPLUS  
 CN Benzonitrile, 2-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-[(4-methylphenyl)thio]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
 CRN 262444-78-0  
 CMF C37 H39 N7 O S

Relative stereochemistry.



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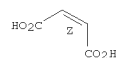
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CM 2

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2  
 CRN 110-16-7  
 CMF C4 H4 O4

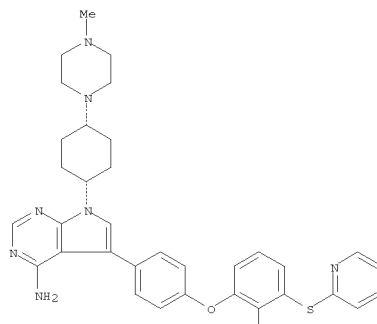
Double bond geometry as shown.



RN 262444-83-7 CAPLUS  
 CN Benzonitrile, 2-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-(2-pyridinylthio)-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1  
 CRN 262444-82-6  
 CMF C35 H36 N8 O S

Relative stereochemistry.



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10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

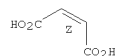
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-85-9 CAPLUS  
CN Benzonitrile,  
2-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-  
7H-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxy]-6-(2-pyridinylthio)-,  
(2Z)-2-butenedioate (1:3) (CA INDEX NAME)

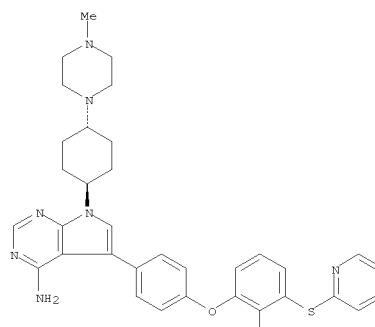
CM 1

CRN 262444-84-8  
CMF C35 H36 N8 O S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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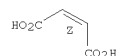


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



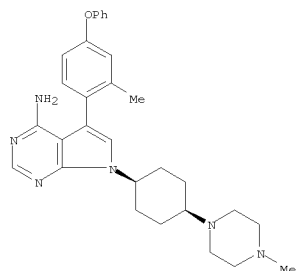
RN 262444-87-1 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine,  
5-(2-methyl-4-phenoxyphenyl)-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

CRN 262444-86-0  
CMF C30 H36 N6 O

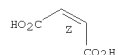
Relative stereochemistry.



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-89-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

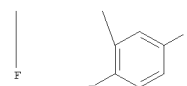
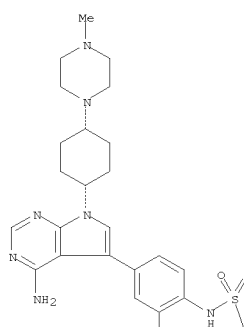
CM 1

CRN 262444-88-2  
CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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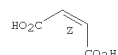


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-91-7 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

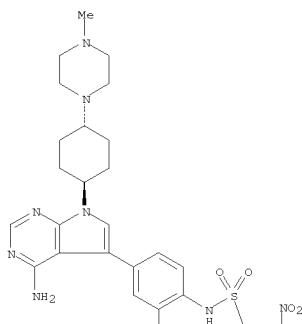
10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

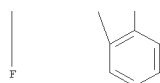
CM 1

CRN 262444-90-6  
CMF C29 H33 F N8 O4 S

Relative stereochemistry.



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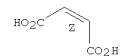
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

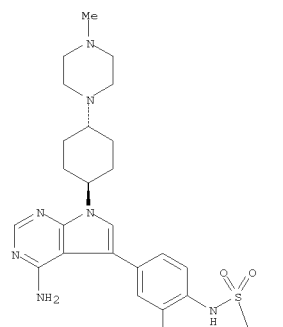


RN 262444-93-9 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262444-92-8  
CMF C29 H33 F2 N7 O2 S

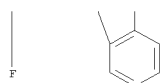
Relative stereochemistry.



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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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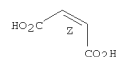


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

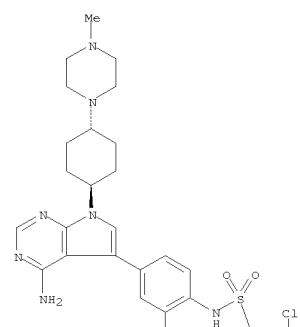


RN 262444-95-1 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4,6-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

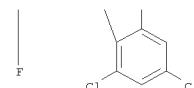
CM 1

CRN 262444-94-0  
CMF C29 H31 Cl3 F N7 O2 S

Relative stereochemistry.



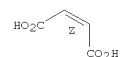
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262444-97-3 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,6-dichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

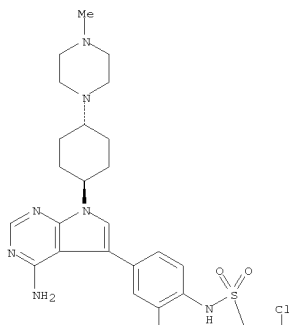
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

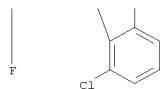
CRN 262444-96-2

CMF C29 H32 Cl2 F N7 O2 S

Relative stereochemistry.



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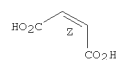
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262444-99-5 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

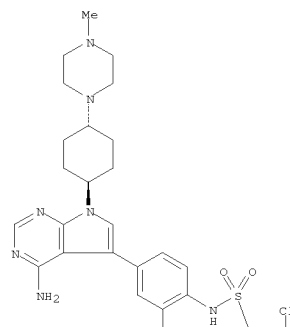
CM 1

CRN 262444-98-4

CMF C29 H33 Cl1 F N7 O2 S

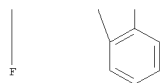
Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



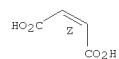
PAGE 2-A

CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-01-2 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (2Z)-2-butenedioate (1:2) (CA INDEX NAME)

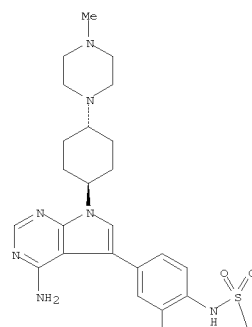
CM 1

CRN 262445-00-1

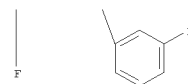
CMF C29 H33 F2 N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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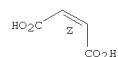


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-03-4 CAPLUS

CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-bromo-2,5-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

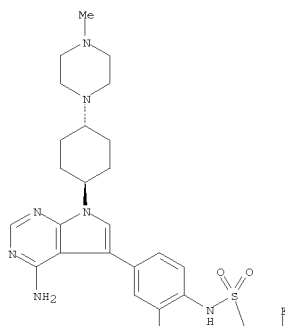
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

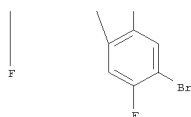
CM 1

CRN 262445-02-3  
CMF C29 H31 Br F3 N7 O2 S

Relative stereochemistry.



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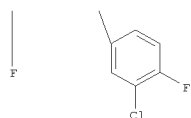
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

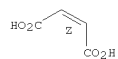
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



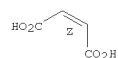
RN 262445-07-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-iodo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-06-7  
CMF C29 H33 F I N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
Double bond geometry as shown.



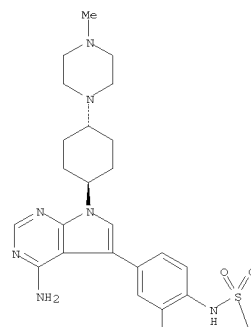
RN 262445-05-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-4-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-04-5  
CMF C29 H32 Cl F2 N7 O2 S

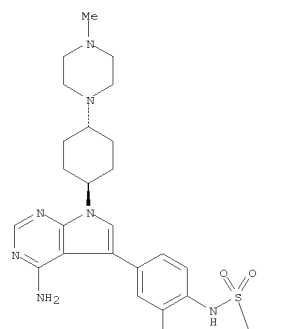
Relative stereochemistry.

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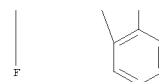


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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



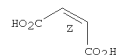
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-09-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-6-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

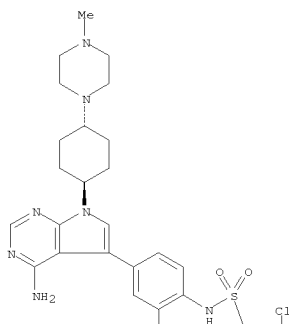
10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

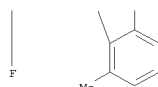
CM 1

CRN 262445-08-9  
CMF C30 H35 Cl F N7 O2 S

Relative stereochemistry.



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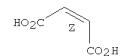
PAGE 2-A

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



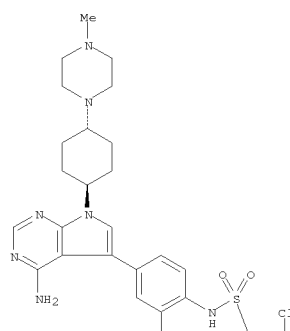
RN 262445-11-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-chloro-4-cyano-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-10-3  
CMF C30 H32 Cl F N8 O2 S

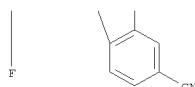
Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

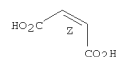


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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



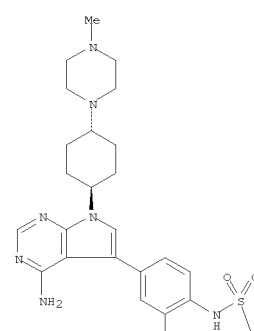
RN 262445-13-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3,4-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

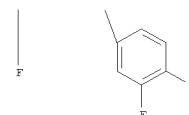
CRN 262445-12-5  
CMF C29 H32 F3 N7 O2 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



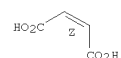
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-15-8 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-

10534427b.trn

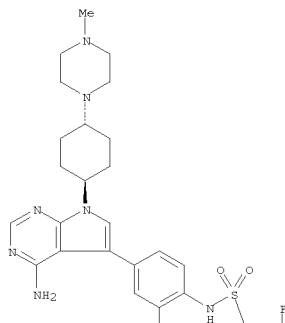
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
bromo-2-fluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

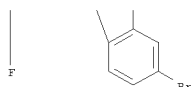
CRN 262445-14-7  
CMF C29 H32 Br F2 N7 O2 S

Relative stereochemistry.

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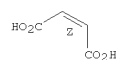


CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



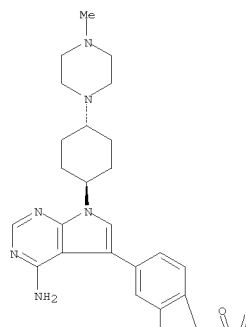
RN 262445-17-0 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

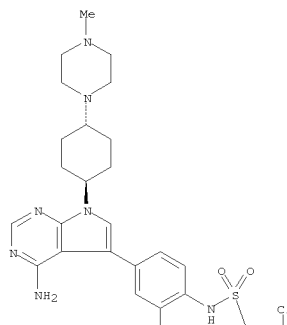
CRN 262445-16-9  
CMF C27 H31 Br F N7 O2 S2

Relative stereochemistry.

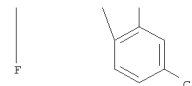
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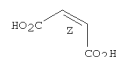
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-21-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,3,4-trichloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

10534427b.trn

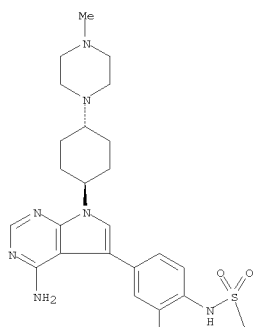
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1

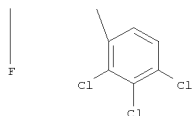
CRN 262445-20-5

CMF C29 H31 C13 F N7 O2 S

Relative stereochemistry.



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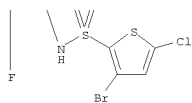
CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



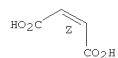
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CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-25-0 CAPLUS

CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

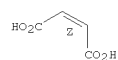
CM 1

CRN 262445-24-9

CMF C29 H32 F N9 O3 S

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262445-23-8 CAPLUS

CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-bromo-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

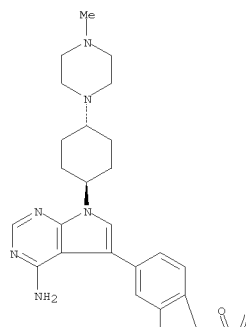
CM 1

CRN 262445-22-7

CMF C27 H30 Br Cl F N7 O2 S2

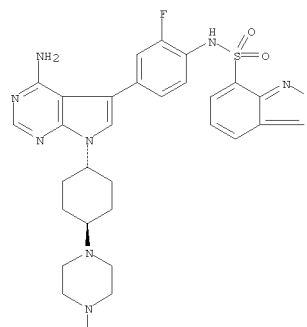
Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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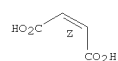


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-27-2 CAPLUS

CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

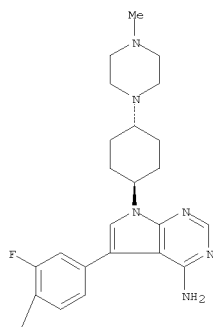
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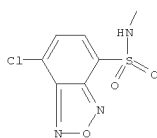
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CMF C29 H31 Cl F N9 O3 S

Relative stereochemistry.

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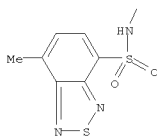
CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

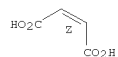
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



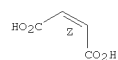
RN 262445-31-8 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-  
methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-30-7  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



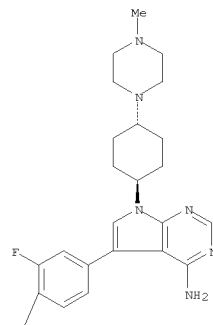
RN 262445-29-4 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-  
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-7-  
methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

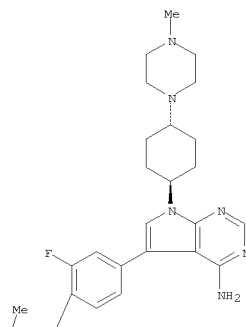
CRN 262445-28-3  
CMF C30 H34 F N9 O2 S2

Relative stereochemistry.

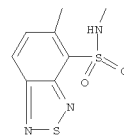
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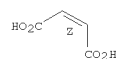
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CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-33-0 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide,  
N-[4-[4-amino-7-[trans-4-(4-methyl-1-



10534427b.trn

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

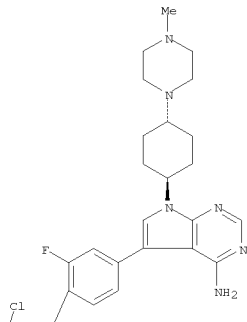
piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-chloro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

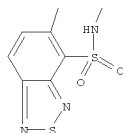
CRN 262445-32-9  
CMF C29 H31 Cl F N9 O2 S2

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

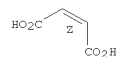


CM 2

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



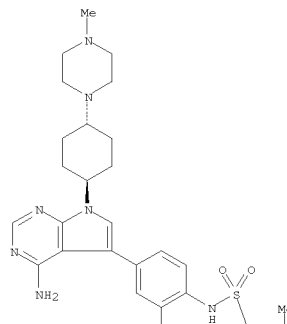
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CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-chloro-2-methyl-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

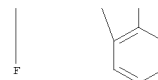
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CMF C30 H35 Cl F N7 O2 S

Relative stereochemistry.

PAGE 1-A



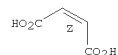
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

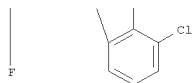
Double bond geometry as shown.



RN 262445-39-6 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,5-dibromo-3,6-difluoro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

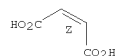
PAGE 2-A



CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



RN 262445-37-4 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-bromo-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-36-3  
CMF C29 H33 Br F N7 O2 S

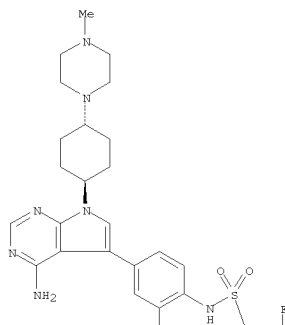
Relative stereochemistry.

10534427b.trn

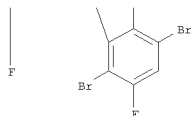
L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CM 1

CRN 262445-38-5  
CMF C29 H30 Br2 F3 N7 O2 S

Relative stereochemistry.



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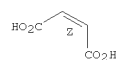
PAGE 2-A

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

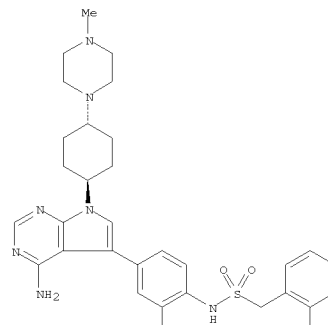


RN 262445-41-0 CAPLUS  
CN Benzenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2-nitro-, (2Z)-2-butenedioate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-40-9  
CMF C30 H35 F N8 O4 S

Relative stereochemistry.



PAGE 1-A



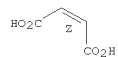
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7  
CMF C4 H4 O4

Double bond geometry as shown.



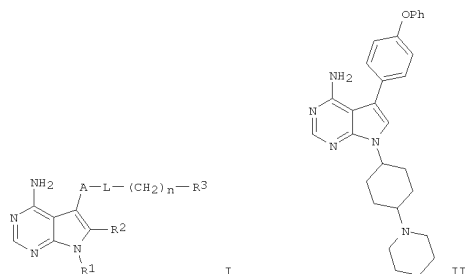
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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
yl)cyclohexanone in DCE and AcOH, followed by workup and chromatog., gave cis- and trans-II. I inhibit serine/threonine and tyrosine kinase activity, which are involved in immunol., hyperproliferative, and angiogenic processes. All exemplified compds. significantly inhibited either FGFR, PDGFR, KDR, Tie-2, Lck, Fyn, Blk, Lyn, or Src at concns. of  $\leq 50 \mu\text{M}$ , and some significantly inhibited cdc2 at concns. of  $\leq 50 \mu\text{M}$ . Thus, these compds. are useful in the treatment of cancer and hyperproliferative disorders, rheumatoid arthritis, disorders of the immune system, transplant rejections, and inflammatory disorders.

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS

FORMAT

RECORD. ALL CITATIONS AVAILABLE IN THE RE



AB 7H-Pyrrolo[2,3-d]pyrimidin-4-amines (I) [wherein A = (un)substituted 6-membered aromatic ring or 5- or 6-membered heteroarom. ring; L = RbN(R)S(O)2, RbN(R)P(O), or RbN(R)P(O)O, where Rb = alkylene group which when taken together with the sulfonamide, phosphinamide or phosphonamide group to which it is bound forms a 5- or 6-membered ring fused to ring A, or L = 5-, 6-, or 7-membered (oxa)azaphosphaarom. or (oxa)azaphosphacycloalkyl ring; R = H, acyl, or (un)substituted aliphatic, (hetero)aromatic, or cycloalkyl; R1 = (un)substituted (hetero)cyclic, (hetero)aromatic, amido, acyl, or (cyclo)alkylsulfonyl; R2 = H, halo, OH, CN, (un)substituted aliphatic, cycloalkyl, (hetero)aromatic, (hetero)aralkyl, amino, or amido; R3 (un)substituted aliphatic, alkenyl, (hetero)cycloalkyl, or (hetero)aromatic; n = 0-6], and physiol. acceptable salts and metabolites thereof, were prepared For example, addition of piperidine to 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-

10534427b.trn

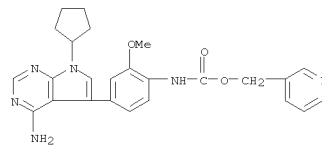
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 INVENTOR(S): Calderwood, David; Arnold, Lee D.; Mazdiyasn, Hormoz;  
 Hirst, Gavin; Deng, Bojuan B.  
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany  
 SOURCE: PCT Int. Appl., 242 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
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			WO 1999-US21536	W 19990917

OTHER SOURCE(S): MARPAT 132:251159  
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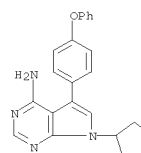
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (intermediate; prepn. of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as protein kinase inhibitors)

RN 262433-21-6 CAPLUS  
 CN Carbamic acid,  
 [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, 3-pyridinylmethyl ester (9CI) (CA INDEX NAME)



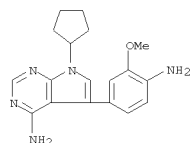
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 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (intermediate; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as protein kinase inhibitors)

RN 213743-31-8 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

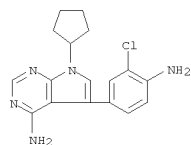


RN 262433-03-4 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-cyclopentyl- (CA INDEX NAME)

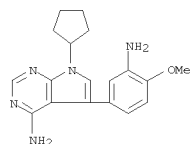
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262433-17-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-chlorophenyl)-7-cyclopentyl- (CA INDEX NAME)

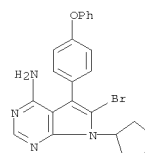


RN 262433-25-0 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(3-amino-4-methoxyphenyl)-7-cyclopentyl- (CA INDEX NAME)



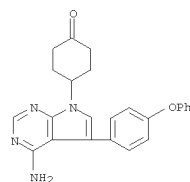
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 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-bromo-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

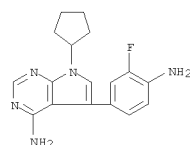


IT 262433-52-3 262433-53-4  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (reactant; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as protein kinase inhibitors)

RN 262433-52-3 CAPLUS  
 CN Cyclohexanone,  
 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

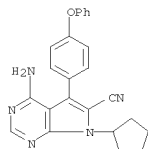


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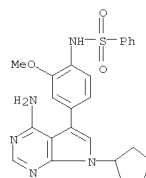
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L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 Rl: BAC (Biological activity or effector, except adverse); BSU  
 (Biological  
 study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT  
 (Reactant or reagent); USES (Uses)  
 (target compd.; prepn. of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as  
 protein kinase inhibitors)  
 RN 262431-64-1 CAPLUS  
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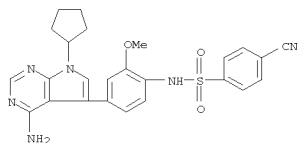
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L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
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 (Biological  
 study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);  
 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (target compd.; prepn. of 7H-pyrrolo[2,3-d]pyrimidin-4-amines as  
 protein kinase inhibitors)  
 RN 213743-94-3 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
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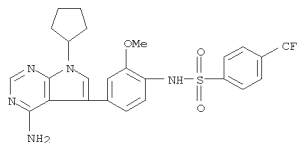


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 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-

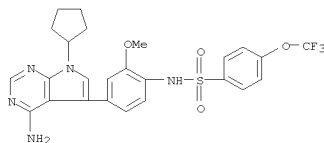
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 5-yl)-2-methoxyphenyl]-4-cyano- (CA INDEX NAME)



RN 262430-04-6 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
 5-yl)-2-methoxyphenyl]-4-(trifluoromethyl)- (CA INDEX NAME)

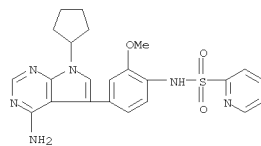


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 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
 5-yl)-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA INDEX NAME)

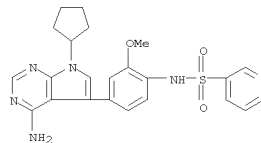


RN 262430-06-8 CAPLUS  
 CN 2-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
 d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

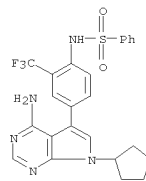
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262430-07-9 CAPLUS  
 CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
 d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)



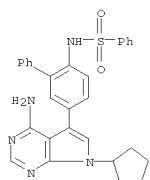
RN 262430-08-0 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
 5-yl)-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)



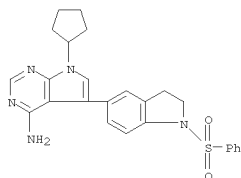
RN 262430-09-1 CAPLUS  
 CN Benzenesulfonamide,  
 N-[5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
 5-yl)[1,1'-biphenyl]-2-yl]- (CA INDEX NAME)

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L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



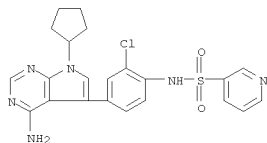
RN 262430-10-4 CAPLUS  
CN 1H-Indole, 5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2,3-dihydro-1-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



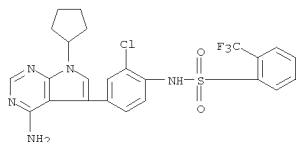
RN 262430-11-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-N-methyl- (CA INDEX NAME)

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

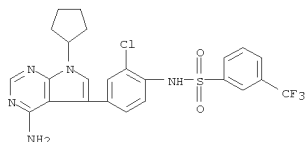
262430-15-9 CAPLUS  
CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]- (CA INDEX NAME)



RN 262430-16-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-2-(trifluoromethyl)- (CA INDEX NAME)

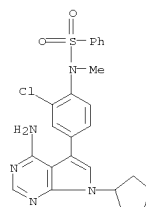


RN 262430-17-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-3-(trifluoromethyl)- (CA INDEX NAME)

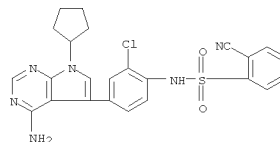


RN 262430-18-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-(3-hydroxycyclopentyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]- (CA INDEX NAME)

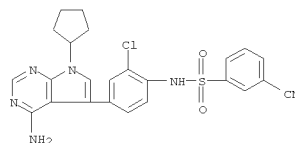
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



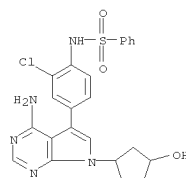
RN 262430-13-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-2-cyano- (CA INDEX NAME)



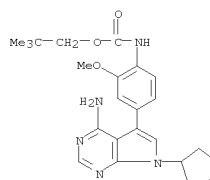
RN 262430-14-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]-3-cyano- (CA INDEX NAME)



L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



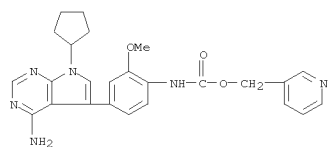
RN 262430-19-3 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, 2,2-dimethylpropyl ester (9CI) (CA INDEX NAME)



RN 262430-20-6 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, 3-pyridinylmethyl ester, hydrochloride (9CI) (CA INDEX NAME)

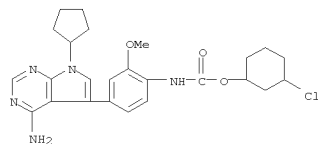
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L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

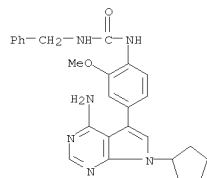


•x HCl

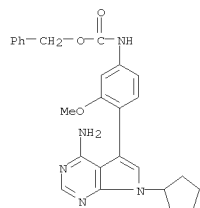
RN 262430-21-7 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, 3-chlorocyclohexyl ester (9CI) (CA INDEX NAME)



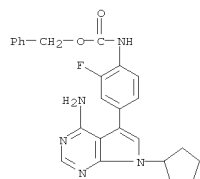
RN 262430-22-8 CAPLUS  
CN Urea, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-N'-(phenylmethyl)- (CA INDEX NAME)



L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



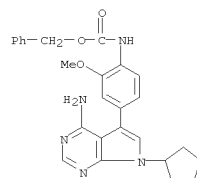
RN 262430-27-3 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-Fluorophenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



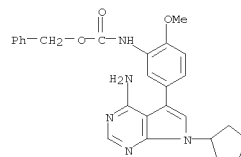
RN 262430-28-4 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-(trifluoromethyl)phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262430-23-9 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

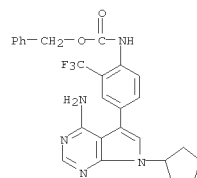


RN 262430-24-0 CAPLUS  
CN Carbamic acid,  
[5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

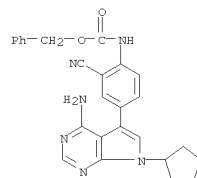


RN 262430-26-2 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-3-methoxyphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

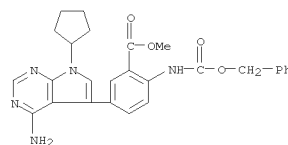
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262430-29-5 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-cyanophenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



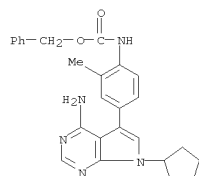
RN 262430-30-8 CAPLUS  
CN Benzoic acid,  
5-[(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[(phenylmethoxy)carbonyl]amino]-, methyl ester (CA INDEX NAME)



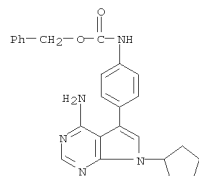
RN 262430-31-9 CAPLUS  
CN Carbamic acid,  
[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-

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L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
2-methylphenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

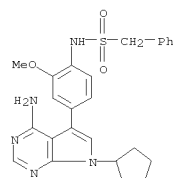


RN 262430-32-0 CAPLUS  
CN Carbamic acid, [4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

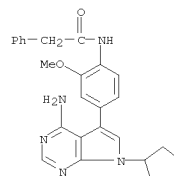


RN 262430-33-1 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

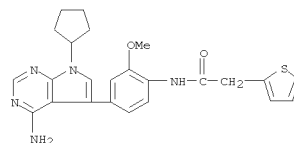
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



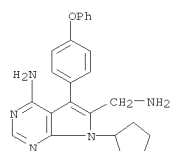
RN 262430-34-2 CAPLUS  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)



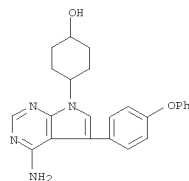
RN 262430-35-3 CAPLUS  
CN 2-Thiopheneacetamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)



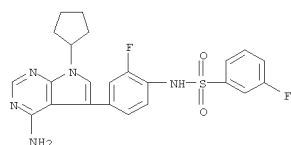
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RN 262431-65-2 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidine-6-methanamine, 4-amino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)



RN 262431-69-6 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

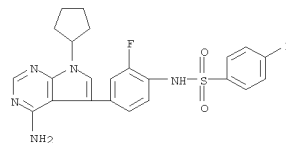


RN 262431-70-9 CAPLUS  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-fluoro- (CA INDEX NAME)

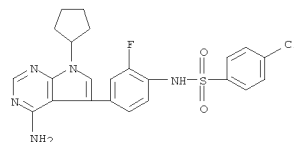


RN 262431-71-0 CAPLUS

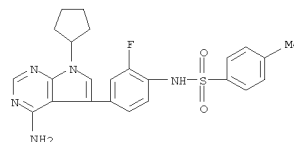
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)



RN 262431-72-1 CAPLUS  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-chloro- (CA INDEX NAME)



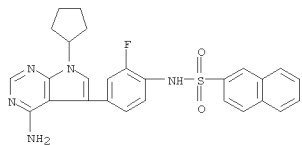
RN 262431-73-2 CAPLUS  
CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-methyl- (CA INDEX NAME)



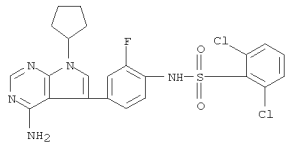
RN 262431-74-3 CAPLUS  
CN 2-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

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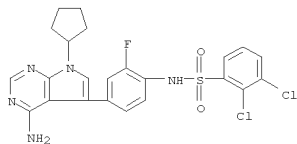
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-75-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2,6-dichloro- (CA INDEX NAME)

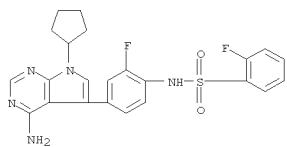


RN 262431-76-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2,3-dichloro- (CA INDEX NAME)

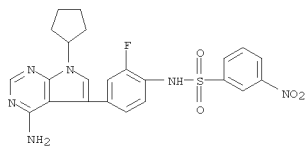


RN 262431-77-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-5-bromo-2-methoxy- (CA INDEX NAME)

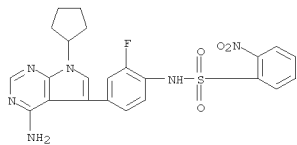
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-81-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-3-nitro- (CA INDEX NAME)

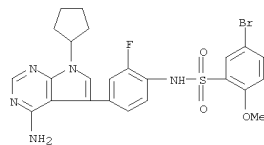


RN 262431-82-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2-nitro- (CA INDEX NAME)

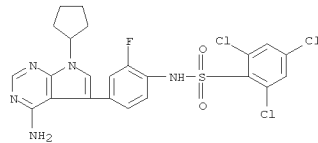


RN 262431-83-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-3-chloro- (CA INDEX NAME)

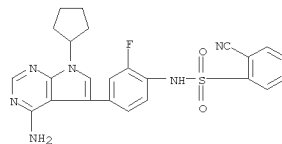
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-78-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2,4,6-trichloro- (CA INDEX NAME)

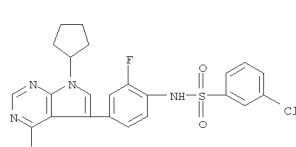


RN 262431-79-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2-cyano- (CA INDEX NAME)

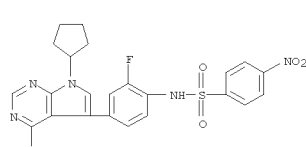


RN 262431-80-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2-fluoro- (CA INDEX NAME)

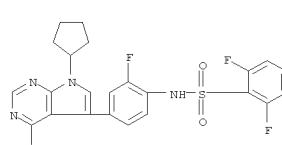
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-84-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-4-nitro- (CA INDEX NAME)



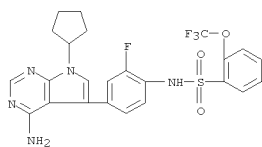
RN 262431-85-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2,6-difluoro- (CA INDEX NAME)



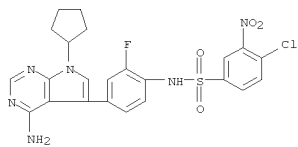
RN 262431-86-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2-(trifluoromethoxy)- (CA INDEX NAME)



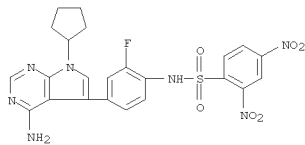
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-87-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-chloro-3-nitro- (CA INDEX NAME)

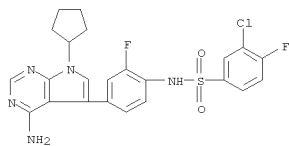


RN 262431-88-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-dinitro- (CA INDEX NAME)

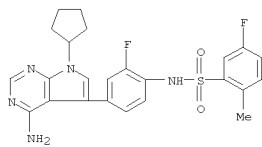


RN 262431-89-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-methyl- (CA INDEX NAME)

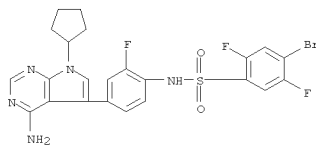
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-93-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-fluoro-2-methyl- (CA INDEX NAME)

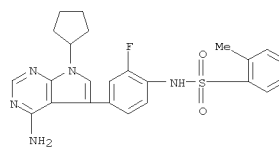


RN 262431-94-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2,5-difluoro- (CA INDEX NAME)

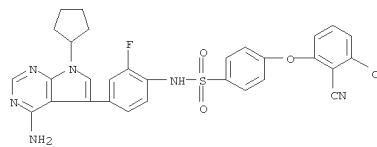


RN 262431-95-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-iodo- (CA INDEX NAME)

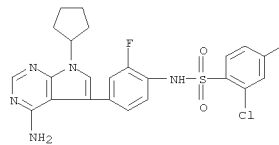
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-90-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-(3-chloro-2-cyanophenoxy)- (CA INDEX NAME)

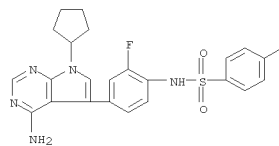


RN 262431-91-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-4-fluoro- (CA INDEX NAME)

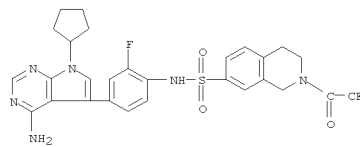


RN 262431-92-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-chloro-4-fluoro- (CA INDEX NAME)

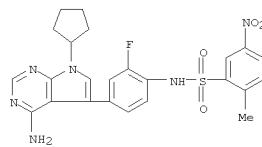
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262431-96-9 CAPLUS  
CN 7-Isoquinolinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-1,2,3,4-tetrahydro-2-(trifluoroacetyl)- (9CI) (CA INDEX NAME)

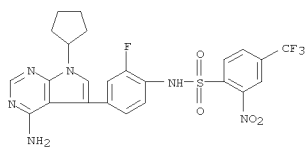


RN 262431-98-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-methyl-5-nitro- (CA INDEX NAME)

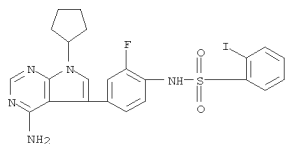


RN 262432-00-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-nitro-4-(trifluoromethyl)- (CA INDEX NAME)

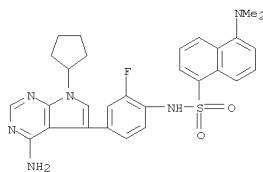
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-01-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-iodo- (CA INDEX NAME)

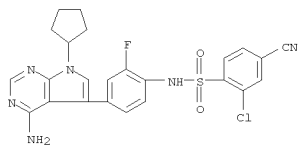


RN 262432-02-0 CAPLUS  
CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(dimethylamino)- (CA INDEX NAME)

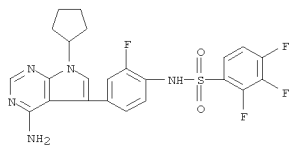


RN 262432-03-1 CAPLUS  
CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-6-(dimethylamino)- (CA INDEX NAME)

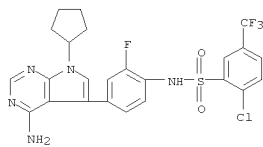
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-07-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-4-(trifluoromethyl)- (CA INDEX NAME)

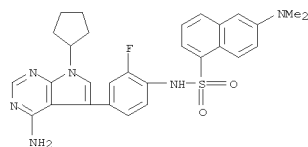


RN 262432-08-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-5-(trifluoromethyl)- (CA INDEX NAME)

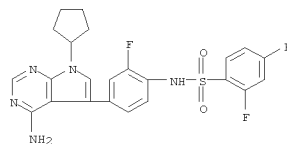


RN 262432-09-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,5-bis(trifluoromethyl)- (CA INDEX NAME)

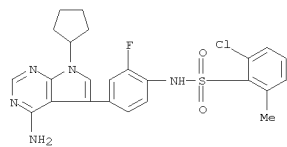
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-04-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-difluoro- (CA INDEX NAME)

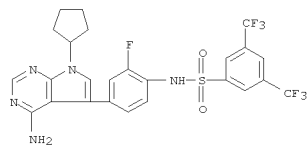


RN 262432-05-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-6-methyl- (CA INDEX NAME)

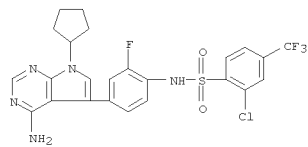


RN 262432-06-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-4-cyano- (CA INDEX NAME)

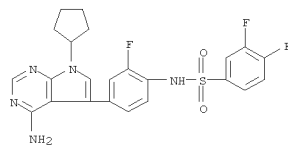
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-10-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-chloro-4-(trifluoromethyl)- (CA INDEX NAME)

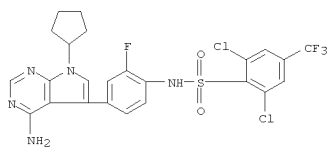


RN 262432-11-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,4-difluoro- (CA INDEX NAME)

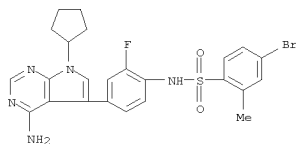


RN 262432-12-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,6-dichloro-4-(trifluoromethyl)- (CA INDEX NAME)

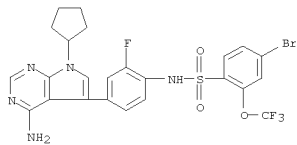
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-13-3 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2-methyl- (CA INDEX NAME)

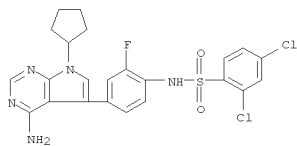


RN 262432-14-4 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2-(trifluoromethoxy)- (CA INDEX NAME)

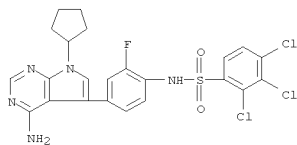


RN 262432-15-5 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,5-difluoro- (CA INDEX NAME)

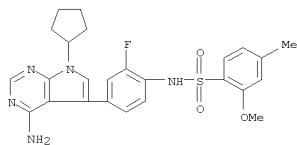
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-19-9 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,3,4-trichloro- (CA INDEX NAME)

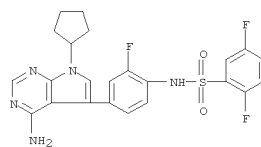


RN 262432-20-2 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-methoxy-4-methyl- (CA INDEX NAME)

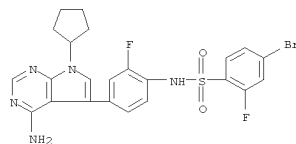


RN 262432-21-3 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-chloro-2,5-dimethyl- (CA INDEX NAME)

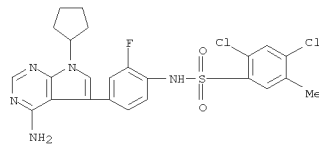
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-16-6 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2-fluoro- (CA INDEX NAME)

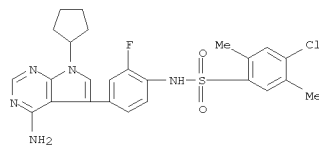


RN 262432-17-7 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-dichloro-5-methyl- (CA INDEX NAME)

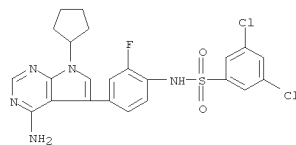


RN 262432-18-8 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,4-dichloro- (CA INDEX NAME)

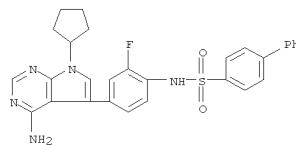
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-22-4 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3,5-dichloro- (CA INDEX NAME)

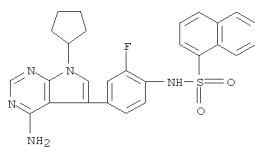


RN 262432-23-5 CAPLUS  
 CN [1,1'-Biphenyl]-4-sulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

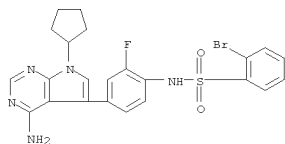


RN 262432-24-6 CAPLUS  
 CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

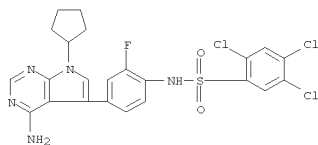
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-25-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-bromo- (CA INDEX NAME)

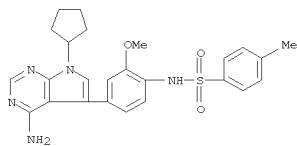


RN 262432-26-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-Fluorophenyl]-2,4,5-trichloro- (CA INDEX NAME)

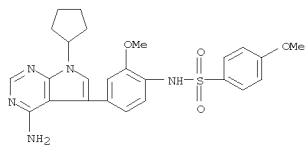


RN 262432-27-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-Fluorophenyl]-3-chloro-2-methyl- (CA INDEX NAME)

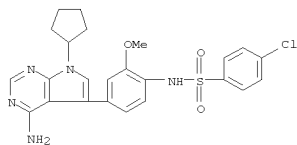
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-31-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-methoxy- (CA INDEX NAME)

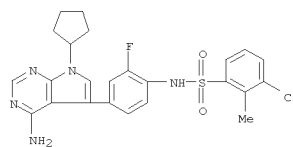


RN 262432-32-6 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-chloro- (CA INDEX NAME)

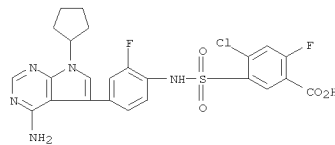


RN 262432-33-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]-4-methoxy- (CA INDEX NAME)

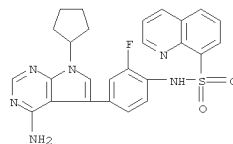
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-28-0 CAPLUS  
CN Benzoic acid, 5-[[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-4-chloro-2-fluoro- (CA INDEX NAME)

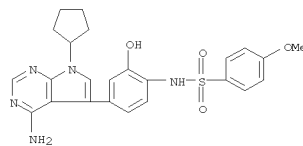


RN 262432-29-1 CAPLUS  
CN 8-Quinolinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

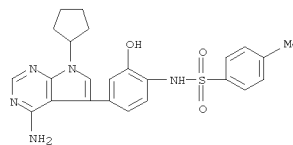


RN 262432-30-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-methyl- (CA INDEX NAME)

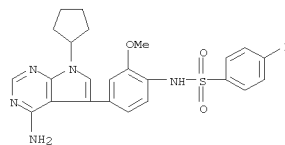
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-34-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]-4-methyl- (CA INDEX NAME)



RN 262432-35-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-fluoro- (CA INDEX NAME)

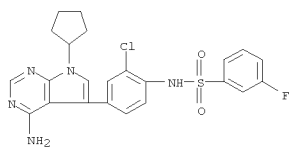


RN 262432-36-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-bromo- (CA INDEX NAME)

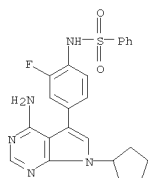


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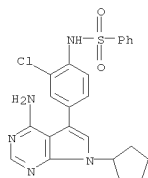
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



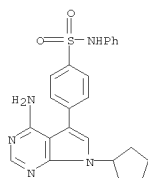
RN 262432-50-8 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)



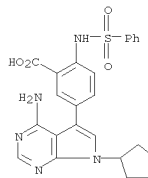
RN 262432-51-9 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorophenyl]- (CA INDEX NAME)



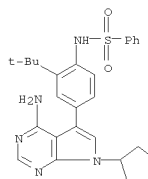
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-55-3 CAPLUS  
CN Benzoic acid,  
5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[(phenylsulfonyl)amino]- (CA INDEX NAME)

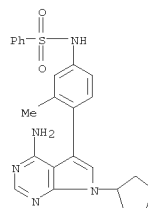


RN 262432-56-4 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-(1,1-dimethylethyl)phenyl]- (CA INDEX NAME)

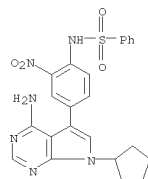


L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262432-52-0 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-3-methylphenyl]- (CA INDEX NAME)



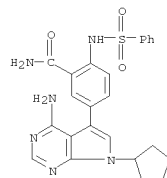
RN 262432-53-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-nitrophenyl]- (CA INDEX NAME)



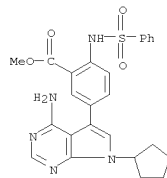
RN 262432-54-2 CAPLUS  
CN Benzenesulfonamide,  
4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-N-phenyl- (CA INDEX NAME)

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

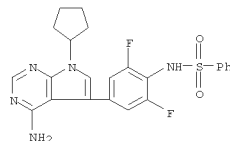
RN 262432-57-5 CAPLUS  
CN Benamide, 5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[(phenylsulfonyl)amino]- (CA INDEX NAME)



RN 262432-58-6 CAPLUS  
CN Benzoic acid,  
5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[(phenylsulfonyl)amino]-, methyl ester (CA INDEX NAME)



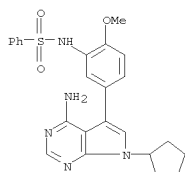
RN 262432-59-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2,6-difluorophenyl]- (CA INDEX NAME)



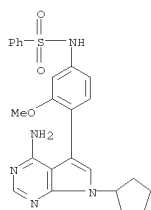
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L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262432-60-0 CAPLUS  
CN Benzenesulfonamide,  
N-[5-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

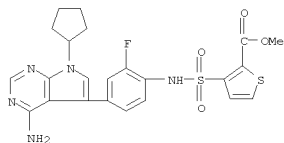


RN 262432-61-1 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-3-methoxyphenyl]- (CA INDEX NAME)

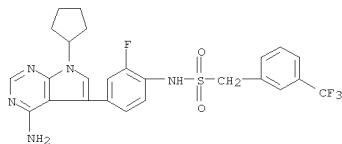


RN 262432-62-2 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-2,5-dibromo-3,6-difluoro- (CA INDEX NAME)

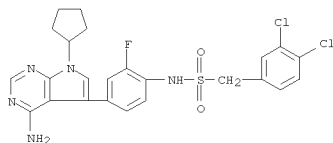
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-, methyl ester (CA  
INDEX NAME)



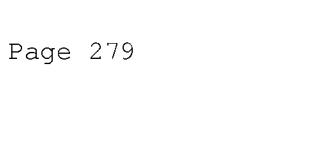
RN 262432-67-7 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-fluorophenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



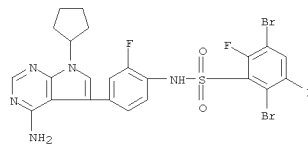
RN 262432-68-8 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-fluorophenyl]-3,4-dichloro- (CA INDEX NAME)



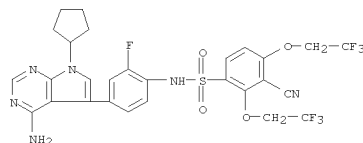
RN 262432-69-9 CAPLUS  
CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-fluorophenyl]-4-fluoro- (CA INDEX NAME)



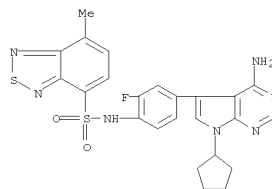
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-63-3 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-  
5-yl)-2-fluorophenyl]-3-cyano-2,4-bis(2,2,2-trifluoroethoxy)- (CA INDEX  
NAME)

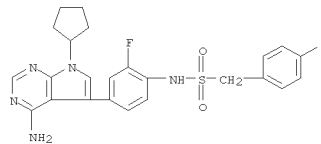


RN 262432-65-5 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-  
pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-7-methyl- (CA INDEX NAME)

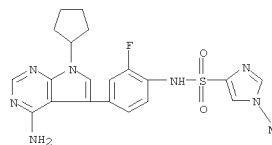


RN 262432-66-6 CAPLUS  
CN 2-Thiophenecarboxylic acid, 3-[[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-, methyl ester (CA  
INDEX NAME)

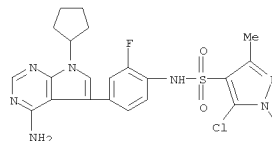
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-70-2 CAPLUS  
CN 1H-Imidazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-fluorophenyl]-1-methyl- (CA INDEX NAME)



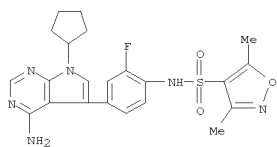
RN 262432-71-3 CAPLUS  
CN 1H-Pyrazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-fluorophenyl]-5-chloro-1,3-dimethyl- (CA INDEX NAME)



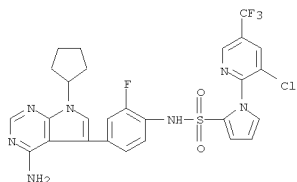
RN 262432-72-4 CAPLUS  
CN 4-Isoxazolesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-  
d]pyrimidin-5-yl)-2-fluorophenyl]-3,5-dimethyl- (CA INDEX NAME)



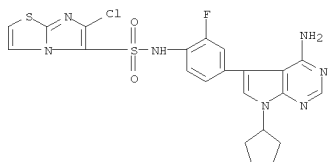
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-73-5 CAPLUS  
CN 1H-Pyrrole-2-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-1-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)

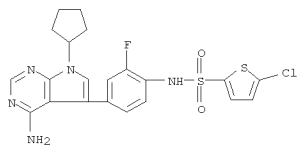


RN 262432-74-6 CAPLUS  
CN Imidazo[2,1-b]thiazole-5-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-6-chloro- (CA INDEX NAME)

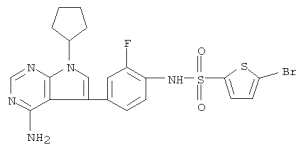


RN 262432-75-7 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-chloro- (CA INDEX NAME)

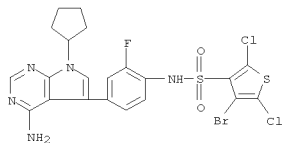
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



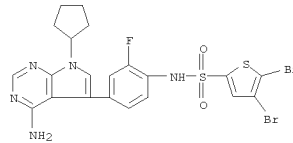
RN 262432-79-1 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-bromo- (CA INDEX NAME)



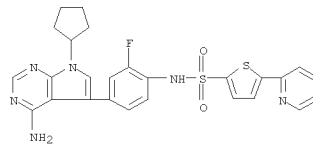
RN 262432-80-4 CAPLUS  
CN 3-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-2,5-dichloro- (CA INDEX NAME)



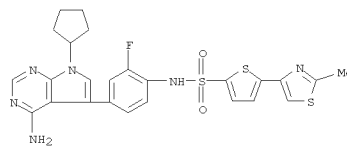
RN 262432-81-5 CAPLUS  
CN 1H-Imidazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-1,2-dimethyl- (CA INDEX NAME)

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
d]pyrimidin-5-yl)-2-fluorophenyl]-4,5-dibromo- (CA INDEX NAME)

RN 262432-76-8 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(2-pyridinyl)- (CA INDEX NAME)

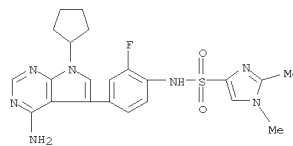


RN 262432-77-9 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(2-methyl-4-thiazolyl)- (CA INDEX NAME)

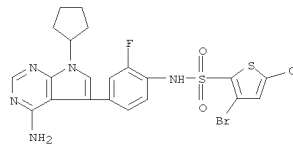


RN 262432-78-0 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-chloro- (CA INDEX NAME)

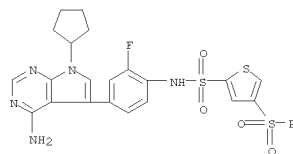
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-82-6 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-3-bromo-5-chloro- (CA INDEX NAME)



RN 262432-83-7 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-(phenylsulfonyl)- (CA INDEX NAME)

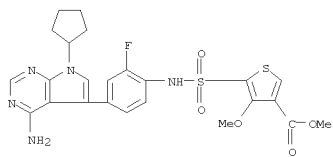


RN 262432-84-8 CAPLUS  
CN 3-Thiophenecarboxylic acid, 5-[[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-4-methoxy-, methyl ester (CA INDEX NAME)

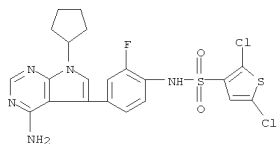


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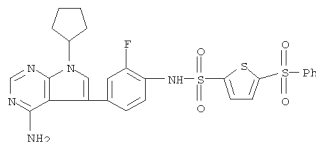
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-85-9 CAPLUS  
CN 3-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2,5-dichloro- (CA INDEX NAME)

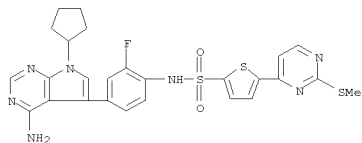


RN 262432-86-0 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-(phenylsulfonyl)- (CA INDEX NAME)

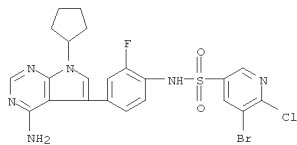


RN 262432-87-1 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]- (CA INDEX NAME)

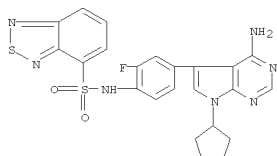
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-91-7 CAPLUS  
CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-bromo-6-chloro- (CA INDEX NAME)

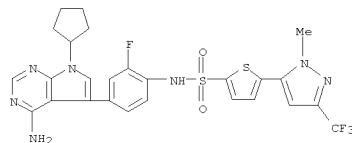


RN 262432-92-8 CAPLUS  
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)



RN 262432-93-9 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

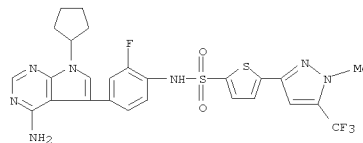
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



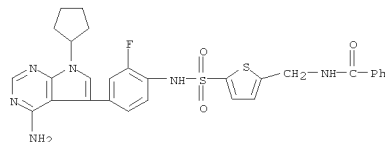
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RN      262432-88-2    CAPLUS
CN      2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-
      d]pyrimidin-5-yl)-2-fluorophenyl]-5-[1-methyl-5-(trifluoromethyl)-1H-
      pyrazol-3-yl]- (CA INDEX NAME)

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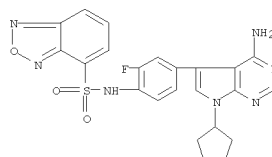


RN 262432-89-3 CAPLUS  
CN Benzamide,  
N-[[5-[[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]amino]sulfonyl]-2-thienyl]methyl]- (CA INDEX NAME)

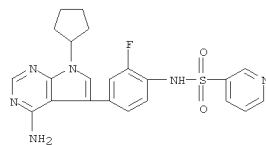


RN 262432-90-6 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-[2-(methylthio)-4-pyrimidinyl]- (CA INDEX NAME)

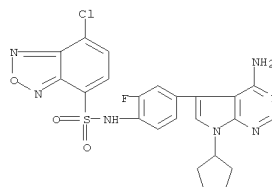
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-94-0 CAPLUS  
CN 3-Pyridinesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

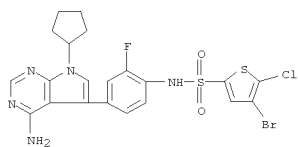


RN 262432-95-1 CAPLUS  
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-7-chloro- (CA INDEX NAME)

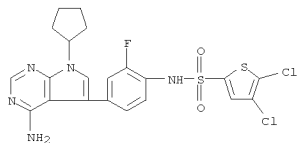


RN 262432-96-2 CAPLUS  
CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4-bromo-5-chloro- (CA INDEX NAME)

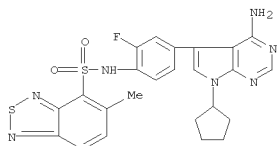
L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262432-97-3 CAPLUS  
 CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-4,5-dichloro- (CA INDEX NAME)

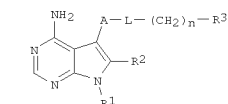


RN 262432-98-4 CAPLUS  
 CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-methyl- (CA INDEX NAME)

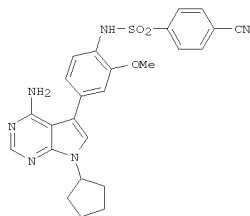


RN 262432-99-5 CAPLUS  
 CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-5-chloro- (CA INDEX NAME)

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



I

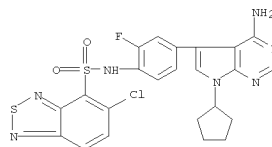


II

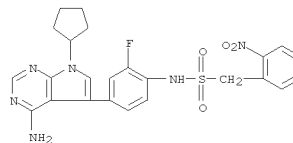
AB 7H-Pyrrolo[2,3-d]pyrimidin-4-amines (I) [wherein A = (un)substituted 6-membered aromatic ring or 5- or 6-membered heteroarom. ring; L = RbN(R)S(O)2, RbN(R)P(O), or RbN(R)P(O)O, where Rb = alkylene group which when taken together with the sulfonamide, phosphinamide or phosphonamide group to which it is bound forms a 5- or 6-membered ring fused to ring A, or L = O, S, N(R), 5-, 6-, or 7-membered (oxa)azaphosphaaom. or (oxa)azaphosphacycloalkyl ring, or a variety of linkers containing functional groups; R = H, acyl, or (un)substituted aliphatic, (hetero)aromatic, or cycloalkyl; R1 = H, 2-Ph-1,3-dioxan-5-yl or (un)substituted (cyclo)alkyl, cycloalkenyl, or phenylalkyl; R2 = H, halo, OH, CN, (un)substituted aliphatic, cycloalkyl, (hetero)aromatic, (hetero)aralkyl, amino, or amido; R3 = (un)substituted aliphatic, alkenyl, (hetero)cycloalkyl, or (hetero)aromatic; n = 0-6], and physiol. acceptable salts and metabolites thereof, were prepared

For example, II was prepared in a 6-step sequence involving: (1) amine protection of 4-bromo-2-methoxyaniline with di-tert-Bu dicarbonate, (2) 4-addition of diboron pinacol ester, (3) 4-substitution with 4-chloro-7-cyclopentyl-5-iodo-7H-pyrrolo[2,3-d]pyrimidine, (4) deprotection of the amine with F3CCO2H, (5) 4-amination of the pyrrolopyrimidine, and (6) addition of 4-cyanobenzenesulfonyl chloride to the anilino amine. I inhibit serine/threonine and tyrosine kinase activity, affecting immunol., hyperproliferative, and angiogenic processes. All exemplified compds. significantly inhibited either FGFR, PDGFR, KDR, Tie-2, Lck, Fyn, Blk, Lyn, or Src at concns. of  $\leq 50 \mu\text{M}$ , and some significantly inhibited cdc2 at concns. of  $50 \leq \mu\text{M}$ . Thus, these compds. are useful in the treatment of cancer and hyperproliferative

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 262433-00-1 CAPLUS  
 CN Benzenemethanesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl]-2-nitro- (CA INDEX NAME)



GI

L5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

disorders, rheumatoid arthritis, disorders of the immune system, transplant rejections, and inflammatory disorders.  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

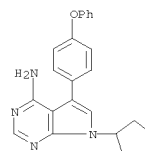
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L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1998:640260 CAPLUS  
 DOCUMENT NUMBER: 129:275922  
 TITLE: Preparation of pyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors  
 INVENTOR(S): Calderwood, David John; Johnston, David Norman; Rafferty, Paul; Twigger, Helen Louise; Munschauer, Rainer; Arnold, Lee  
 PATENT ASSIGNEE(S): Knoll A.-G. Chemische Fabriken, Germany  
 SOURCE: PCT Int. Appl., 72 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

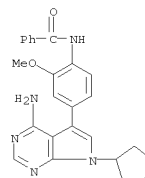
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9841525	A1	19980924	WO 1998-EP1357	19980309
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, KG, MD, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2283961	A1	19980924	CA 1998-2283961	19980309
AU 9868293	A	19981012	AU 1998-68293	19980309
EP 970084	A1	20000112	EP 1998-913690	19980309
EP 970084	B1	20030604		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
BR 9808281	A	20000516	BR 1998-8281	19980309
NZ 337529	A	20001027	NZ 1998-337529	19980309
JP 2001516353	T	20010925	JP 1998-540090	19980309
AT 242245	T	20030615	AT 1998-913690	19980309
PT 970084	T	20031031	PT 1998-913690	19980309
CN 1134438	B	20040114	CN 1998-805152	19980309
ES 2202827	T3	20040401	ES 1998-913690	19980309
NO 9904509	A	19990917	NO 1999-4509	19990917
NO 313962	B1	20030106		
BG 64282	B1	20040831	BG 1999-103785	19991007
PRIORITY APPLN. INFO.:			US 1997-40836P	P 19970319
			WO 1998-EP1357	W 19980309

OTHER SOURCE(S): MARPAT 129:275922  
 IT 213743-31-8P 213743-90-9P 213743-94-3P  
 213744-00-4P 213744-26-4P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of pyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors)  
 RN 213743-31-8 CAPLUS

L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

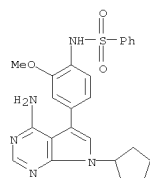


RN 213743-90-9 CAPLUS  
 CN Benzamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

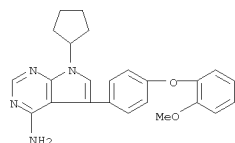


RN 213743-94-3 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

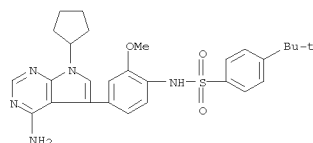
L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 213744-00-4 CAPLUS  
 CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-[4-(2-methoxyphenoxy)phenyl]- (CA INDEX NAME)

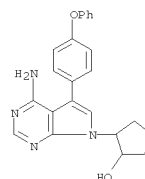


RN 213744-26-4 CAPLUS  
 CN Benzenesulfonamide,  
 N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)

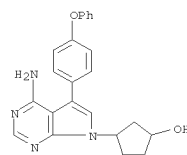


IT 213743-72-7P 213743-76-1P 213743-78-3P  
 213743-80-7P 213743-82-9P 213743-92-1P  
 213743-96-5P 213743-98-7P 213744-02-6P  
 213744-04-8P 213744-06-0P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (prepn. of pyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors)  
 RN 213743-72-7 CAPLUS  
 CN Cyclopentanol,  
 2-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



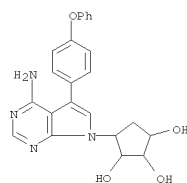
RN 213743-76-1 CAPLUS  
 CN Cyclopentanol,  
 3-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



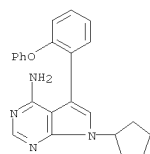
RN 213743-78-3 CAPLUS  
 CN 1,2,3-Cyclopentanetriol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

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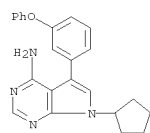
L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 213743-80-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(2-phenoxyphenyl)-  
(CA INDEX NAME)



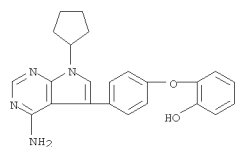
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CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(3-phenoxyphenyl)-  
(CA INDEX NAME)



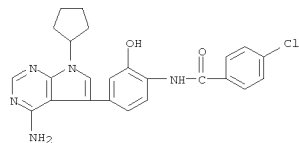
RN 213743-92-1 CAPLUS  
CN Benzanide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]- (CA INDEX NAME)

L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

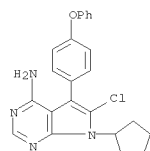
RN 213744-02-6 CAPLUS  
CN Phenol, 2-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)phenoxy]- (CA INDEX NAME)



RN 213744-04-8 CAPLUS  
CN Benzanide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]-4-chloro- (CA INDEX NAME)



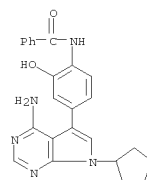
RN 213744-06-0 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-chloro-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)



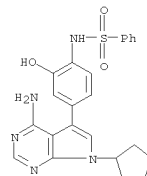
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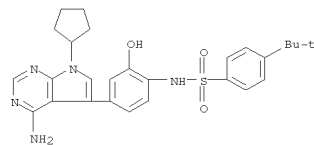
L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



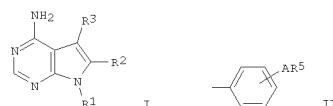
RN 213743-96-5 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]- (CA INDEX NAME)



RN 213743-98-7 CAPLUS  
CN Benzenesulfonamide,  
N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hydroxyphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



L5 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB The title compds. [I; R1 = H, 2-phenyl-1,3-dioxan-5-yl, C1-6 alkyl, etc.; R2 = H, C1-6 alkyl, C3-8 cycloalkyl, etc.; R3 = (un)substituted II (A = NH, O, NHSO2, etc.; R5 = (un)substituted Ph, and, addnl., when A is absent

R5 = phthalimido optionally substituted by halo, (un)substituted pyrazolylamino], useful in treating proliferative diseases and disorders of the immune system in mammals (no data), were prepared Thus, heating a mixture of 2-amino-3-cyano-4-(4-phenoxyphenyl)-1-tert-butylpyrrole (preparation described), formamide and 4-dimethylaminopyridine at 180° for 6 h afforded 1 [R1 = tBu; R2 = H; R3 = 4-(PhO)C6H4].

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

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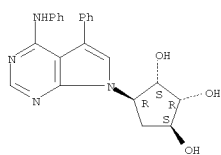
L5 ANSWER 23 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1997:613832 CAPLUS  
 DOCUMENT NUMBER: 127:262996  
 TITLE: Preparation of carbocyclic nucleosides as adenosine kinase inhibitors  
 INVENTOR(S): Bhagwat, Shripad S.; Cowart, Marlon Daniel  
 PATENT ASSIGNEE(S): Abbott Laboratories, USA  
 SOURCE: U.S., 27 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5665721	A	19970909	US 1995-472816	19950607

PRIORITY APPLN. INFO.: US 1995-472816 19950607

OTHER SOURCE(S): MARPAT 127:262996  
 IT 186141-60-6P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent) (preparation of carbocyclic nucleosides as adenosine kinase inhibitors)  
 RN 186141-60-6 CAPLUS  
 CN 1,2,3-Cyclopentanetriol, 4-[5-phenyl-4-(phenylamino)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, (1S,2R,3S,4R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 186141-61-7P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of carbocyclic nucleosides as adenosine kinase inhibitors)  
 RN 186141-61-7 CAPLUS  
 CN 1,2,3-Cyclopentanetriol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-

L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1997:533648 CAPLUS  
 DOCUMENT NUMBER: 127:220666  
 TITLE: Preparation of 4-aminopyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors  
 INVENTOR(S): Altmann, Eva; Widler, Leo; Missbach, Martin  
 PATENT ASSIGNEE(S): Novartis A.-G, Switz.; Altmann, Eva; Widler, Leo; Missbach, Martin  
 SOURCE: PCT Int. Appl., 48 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9728161	A1	19970807	WO 1997-EP350	19970127

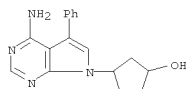
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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 690773	A5	20010115	CH 1996-257	19960201
AU 9715951	A	19970822	AU 1997-15951	19970127
			CH 1996-257	A 19960201

PRIORITY APPLN. INFO.: WO 1997-EP350 W 19970127

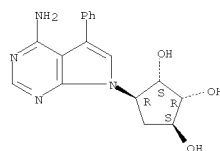
OTHER SOURCE(S): MARPAT 127:220666  
 IT 194787-39-8P 194787-40-1P 194787-41-2P  
 194787-42-3P 194787-43-4P 194787-44-5P  
 194787-46-7P 194787-47-8P 194787-48-9P  
 194787-49-0P 194787-50-3P 194787-51-4P  
 194787-54-7P 194787-68-3P 194787-76-3P  
 194787-85-4P 194787-86-5P 194787-87-6P  
 194787-88-7P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of 4-aminopyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors)  
 RN 194787-39-8 CAPLUS  
 CN Cyclopentanol, 3-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)- (CA INDEX NAME)



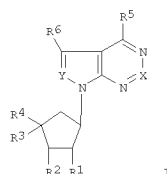
RN 194787-40-1 CAPLUS

L5 ANSWER 23 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 yl)-, (1S,2R,3S,4R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



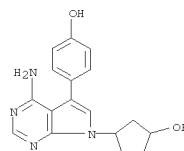
GI



AB Title carbocyclic nucleosides I (X = CR7, R7 = H, halogen, alkyl, alkoxy, thioalkyl; Y = N, CH; R1,R2 = independently OH, alkoxy, acyloxy, R1R2 = bond; R3 = H, OH, alkoxy; R3R4 = O; R4 = H, amino, halogen, OH, sulfonamide, PO3H2; R5 = H, alkyl, arylalkyl, heteroaryl, amino, alkylamino, heterocycle, alkoxy, acylamino, arylalkynyl, arylamino, arylmercapto, alkylmercapto, halogen, hydrazino, NHC(=O)NH2; R6 = alkyl, cycloalkyl, alkenyl, alkynyl, alkoxy, alkoxy carbonyl, carboxy, aryl, heteroaryl, arylalkyl, halogen, amide) were prepared as adenosine kinase inhibitors. Thus, I (X = Y = CH; R1 = R2 = R4 = OH, R3 = H, R5 = R6 =

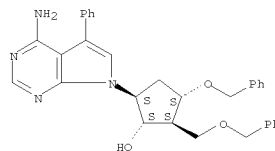
CI) was prepared and tested in vitro as adenosine kinase inhibitor (IC50 = 0.090 μM).

L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN Phenol, 4-[4-amino-7-(3-hydroxycyclopentyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]- (CA INDEX NAME)



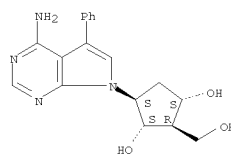
RN 194787-41-2 CAPLUS  
 CN Cyclopentanol, 5-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-3-(phenylmethoxy)-2-[(phenylmethoxy)methyl]-, [1S-(1α,2β,3α,5β)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194787-42-3 CAPLUS  
 CN 1,3-Cyclopentanediol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-2-(hydroxymethyl)-, [1S-(1α,2β,3α,4β)]- (9CI) (CA INDEX NAME)

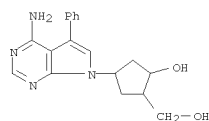
Absolute stereochemistry.



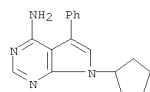
RN 194787-43-4 CAPLUS  
 CN Cyclopentanemethanol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-

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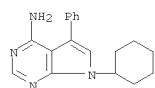
L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
2-hydroxy- (CA INDEX NAME)



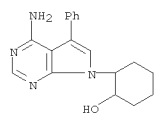
RN 194787-44-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-phenyl- (CA INDEX NAME)



RN 194787-46-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclohexyl-5-phenyl- (CA INDEX NAME)

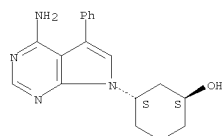


RN 194787-47-8 CAPLUS  
CN Cyclohexanol, 2-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)- (CA INDEX NAME)

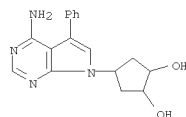


L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RN 194787-51-4 CAPLUS  
CN Cyclohexanol, 3-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-, trans- (9CI) (CA INDEX NAME)

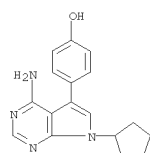
Relative stereochemistry.



RN 194787-54-7 CAPLUS  
CN 1,2-Cyclopentanediol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)- (CA INDEX NAME)



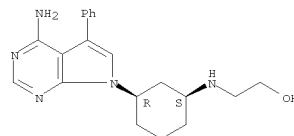
RN 194787-68-3 CAPLUS  
CN Phenol, 4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5-yl)- (CA INDEX NAME)



RN 194787-76-3 CAPLUS  
CN 1,2-Cyclopentanediol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-, diacetate (ester) (9CI) (CA INDEX NAME)

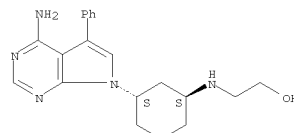
L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RN 194787-48-9 CAPLUS  
CN Ethanol, 2-[[3-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)cyclohexyl]amino]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



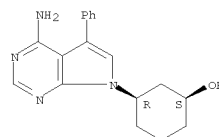
RN 194787-49-0 CAPLUS  
CN Ethanol, 2-[[3-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)cyclohexyl]amino]-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

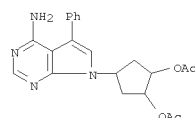


RN 194787-50-3 CAPLUS  
CN Cyclohexanol, 3-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-, cis- (9CI) (CA INDEX NAME)

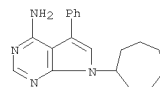
Relative stereochemistry.



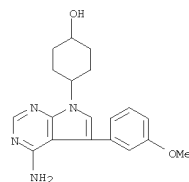
L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 194787-85-4 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cycloheptyl-5-phenyl- (CA INDEX NAME)



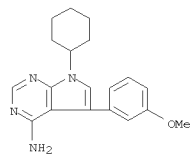
RN 194787-86-5 CAPLUS  
CN Cyclohexanol, 4-[4-amino-5-(3-methoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)



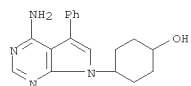
RN 194787-87-6 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclohexyl-5-(3-methoxyphenyl)- (CA INDEX NAME)

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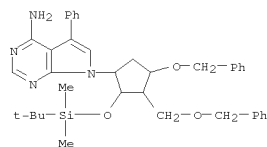
L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 194787-88-7 CAPLUS  
CN Cyclohexanol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)- (CA INDEX NAME)

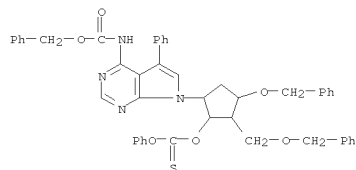


IT 194787-94-5P 194787-95-6P 194787-96-7P  
194787-97-8P 194788-00-6P 194788-01-7P  
R1: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of 4-aminopyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors)  
RN 194787-94-5 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[2-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-4-(phenylmethoxy)-3-phenyl]-5-phenyl]- (CA INDEX NAME)

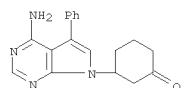


RN 194787-95-6 CAPLUS  
CN Carbamic acid, [7-[2-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-4-(phenylmethoxy)-3-phenyl]-5-phenyl]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (CA INDEX NAME)

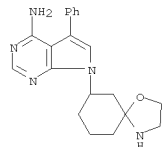
L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



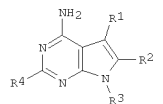
RN 194788-00-6 CAPLUS  
CN Cyclohexanone, 3-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)- (CA INDEX NAME)



RN 194788-01-7 CAPLUS  
CN 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-(1-oxa-4-azaspiro[4.5]dec-7-yl)-5-phenyl- (CA INDEX NAME)

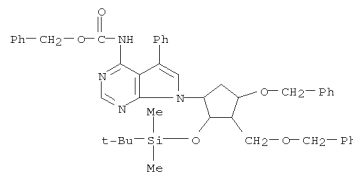


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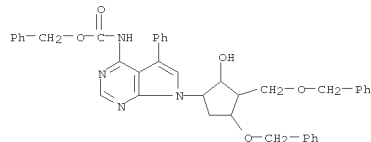


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L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
pyrrolo[2,3-d]pyrimidin-4-yl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



RN 194787-96-7 CAPLUS  
CN Carbamic acid, [7-[2-hydroxy-4-(phenylmethoxy)-3-phenyl]-5-phenyl]-7H-pyrrolo[2,3-d]pyrimidin-4-yl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



RN 194787-97-8 CAPLUS  
CN Carbonothioic acid, O-phenyl O-[3-(phenylmethoxy)-2-phenyl]-5-phenyl-4-[[[(phenylmethoxy)carbonyl]amino]-7H-pyrrolo[2,3-d]pyrimidin-7-yl]cyclopentyl ester (CA INDEX NAME)

L5 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
AB Title compds. [I; R1 = aryl; R2,R4 = H, halo, alkyl; R3 = (un)substituted cycloalk(en)yl] were prepared as tyrosine kinase inhibitors (no data). Thus, PhCOCH2NH2 was N-acetylated and the product cyclocondensed with CH2(CN)2 to give 2-amino-3-cyano-4-phenylpyrrole which was condensed with HC(OCt)3 and NH3 and the product cyclized to give I (R1 = Ph, R2 = R4 = H)(II; R3 = H). The latter was condensed with cyclopentadiene monooxide to give II (R3 = 3-hydroxy-2-cyclopentenyl).

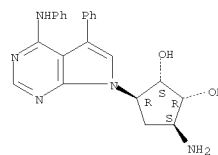
L5 ANSWER 25 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:111175 CAPLUS  
DOCUMENT NUMBER: 126:118159  
TITLE: Preparation of carbocyclic nucleosides as adenosine kinase inhibitors  
INVENTOR(S): Bhagwat, Shripad S.; Cowart, Marlon Daniel  
PATENT ASSIGNEE(S): Abbott Laboratories, USA  
SOURCE: PCT Int. Appl., 86 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9640686	A1	19961219	WO 1996-US9042	19960606
W: CA, JP, MX				
FW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE				
US 6143749	A	20001107	US 1996-651882	19960604
EP 873340	A1	19981028	EP 1996-918151	19960606
EP 873340	B1	20011121		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI				
JP 2000501694	T	20000215	JP 1997-501456	19960606
AT 209206	T	20011215	AT 1996-918151	19960606
PRIORITY APPLN. INFO.:			US 1995-472486	A 19950607
			US 1996-651882	A 19960604
			WO 1996-US9042	W 19960606

OTHER SOURCE(S): MARPAT 126:118159  
IT 186142-15-4P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (preparation of carbocyclic nucleosides as adenosine kinase inhibitors)  
RN 186142-15-4 CAPLUS  
CN 1,2-Cyclopentanediol, 3-amino-5-[5-phenyl-4-(phenylamino)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, (1S,2R,3S,5R)- (CA INDEX NAME)

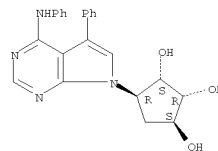
Absolute stereochemistry.

L5 ANSWER 25 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 186141-60-6P 186141-61-7P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of carbocyclic nucleosides as adenosine kinase inhibitors)  
RN 186141-60-6 CAPLUS  
CN 1,2,3-Cyclopentanetriol, 4-[5-phenyl-4-(phenylamino)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-, (1S,2R,3S,4R)- (CA INDEX NAME)

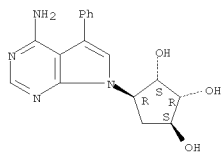
Absolute stereochemistry. Rotation (-).



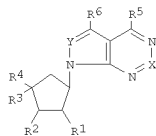
RN 186141-61-7 CAPLUS  
CN 1,2,3-Cyclopentanetriol, 4-(4-amino-5-phenyl-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-, (1S,2R,3S,4R)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

L5 ANSWER 25 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



GI



I

AB New heterocyclic substituted cyclopentane nucleosides I (X = N, H, alkyl, alkoxy, S; Y = N, CH; R1 and R2 = OH, bond; R3 = H, OH, alkyl, alkoxy; R4 = H, amino, halogen, OH, sulfonamido, PO3H2, heterocycle; R5 = H, alkyl, aryl, arylalkyl, heteroaryl, amino, alkylamino, alkoxy, acylamino, arylalkynyl arylamino, arylmercapto, alkylmercapto, H, heterocyclic, hydrazino) were prepared as adenosine kinase inhibitors.

Thus, N7-((1'R,2'S,3'R,4'S)-2',3'-dihydroxy-4'-aminocyclopentyl)-4-chloro-5-phenyl-pyrrolopyrimidine was prepared and tested as adenosine kinase inhibitor.



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=>

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	144.62	317.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-19.50	-19.50

STN INTERNATIONAL LOGOFF AT 23:01:13 ON 07 NOV 2007